NOVAMAT

Quality and Safety from one source

SCHRACK TECHNIK




# Competence, Quality and Competitive Prices

# GENERAL INFORMATION










## TOP WAREHOUSE MANAGEMENT IN OUR DISTRIBUTION CENTRE NEAR VIENNA

The new Schrack distribution centres is located just outside Vienna. The prominent appearance of the building with its unmistakable Schrack design highlights all product characteristics which are handled logistically in its interior. We consider availability the number 1 factor for your economic and business success!

- Over 12,000m² indoor storage space and an outdoor cable storage space of 2,500m²
- More than 15,000 items are stored ready for shipping
- Professional warehouse management by our top-trained staff




Look out for the icon signalling prompt availability for delivery

## GENERAL INFORMATION

- All **dimensioned drawings** are displayed within the confines of available space on the page and are only intended as a guide.
- All **circuit diagrams** are schematic wiring diagrams which are intended to allow better understanding of the function, and will need to be edited/added to during the course of project planning.
- All **images** represent samples of the product and are intended for information purposes only.

Unless otherwise stipulated, the current version of the General Terms of Delivery issued by The Association of the Austrian Electrical and Electronics Industries "FEEI" shall apply. You can find a copy of these at the end of this catalogue.

No liability for errors in text, type or images; we reserve the right to make changes to technical specifications of the product range.

The user information contained in this catalogue reflect the opinion of the company at the time of writing. The information contained in it was assembled on the basis of published norms, specialist industry presentations, specialist literature and in-house expertise. The content is for informational purposes only and has no validity in law.

# Schrack Technik – Your Partner to Trust!

**Schrack Technik believes in personal relationships, a dedicated partner is assigned for you!**

- Schrack Technik is one of the leading Austrian companies with 100 years of experience specialized in the field of power and data distribution equipment.

- More than 1000 Schrack employees in 13 countries, Austria, Belgium, Germany and Central Eastern Europe, are supporting more than 20.000 customers, mainly contractors and panelbuilders, but also Industry and utilities.

- In more than 50 countries, distribution partners take the advantage of our technical know-how and our well-trained and experienced stuff.

- Schrack Technik offers you a comprehensive product range in:
  - ✓ Energy technology
  - ✓ Industrial technology
  - ✓ Network technology
  - ✓ Lighting technology

- With Schrack Technik, you will have additional business tools and services such as:
  - ✓ Web shop in English language with real time availability and technical data sheets
  - ✓ Schrack Design -Planning software with thermal calculation
  - ✓ Schrack CAD -data library of Schrack products for Auto CAD



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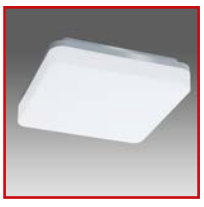
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## RCCB Residual Current Curcuit Breakers




## RCCB Residual Current Curcuit Breakers




## RCBO Combined MCB and RCCB




## MCB Miniature Circuit Breakers




## MCB Miniature Circuit Breakers




## Busbars



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# RCCB's, RCBO's, MCB's series Amparo

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# RCCB Residual Current Curcuit Breakers

## RCCB Residual Current Curcuit Breakers series Amparo, 6kA, type AC


AR601201

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **2-pole, 10mA** | | | |
| 16A / 2 / 0.01A | 2 | | **AR601201** |
| 25A / 2 / 0.01A | 2 | | **AR602201** |

## RCCB Residual Current Curcuit Breakers series Amparo, 10kA, type AC


AR006230


AR002103

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **2-pole, 30mA** | | | |
| 25A / 2 / 0.03A | 2 | | **AR002203** |
| 40A / 2 / 0.03A | 2 | | **AR004203** |
| 63A / 2 / 0.03A | 2 | | **AR006203** |
| **4-pole, 30mA** | | | |
| 25A / 4 / 0.03A | 4 | | **AR002103** |
| 40A / 4 / 0.03A | 4 | | **AR004103** |
| 63A / 4 / 0.03A | 4 | | **AR006103** |
| **2-pole, 300mA** | | | |
| 25A / 2 / 0.3A | 2 | | **AR002230** |
| 40A / 2 / 0.3A | 2 | | **AR004230** |
| 63A / 2 / 0.3A | 2 | | **AR006230** |
| **4-pole, 300mA** | | | |
| 25A / 4 / 0.3A | 4 | | **AR002130** |
| 40A / 4 / 0.3A | 4 | | **AR004130** |
| 63A / 4 / 0.3A | 4 | | **AR006130** |

## RCCB Residual Current Curcuit Breakers series Amparo, 10kA, type A


AR054203


AR054103

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **2-pole, 30mA** | | | |
| 25A / 2 / 0.03A | 2 | | **AR052203** |
| 40A / 2 / 0.03A | 2 | | **AR054203** |
| 63A / 2 / 0.03A | 2 | | **AR056203** |
| **4-pole, 30mA** | | | |
| 25A / 4 / 0.03A | 4 | | **AR052103** |
| 40A / 4 / 0.03A | 4 | | **AR054103** |
| 63A / 4 / 0.03A | 4 | | **AR056103** |
| **2-pole, 300mA** | | | |
| 40A / 2 / 0.3A | 2 | | **AR054230** |
| **4-pole, 300mA** | | | |
| 40A / 4 / 0.3A | 4 | | **AR054130** |
| 63A / 4 / 0.3A | 4 | | **AR056130** |

## RCCB Residual Current Curcuit Breakers series Amparo, 10kA, type S



AR064130

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **2-pole, 300mA** | | | |
| 40A / 2 / 0.3A | 2 | | **AR064230** |
| 63A / 2 / 0.3A | 2 | | **AR066230** |
| **4-pole, 300mA** | | | |
| 40A / 4 / 0.3A | 4 | | **AR064130** |
| 63A / 4 / 0.3A | 4 | | **AR066130** |

## RCCB Residual Current Curcuit Breaker series Amparo, 10kA, type B, for electro mobility and photovoltaic



AR874103

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **4-pole, 30mA** | | | |
| 40A / 4 / 0.03A | 4 | | **AR874103** |
| 63A / 4 / 0.03A | 4 | | **AR876103** |

## RCBO Combined MCB and RCCB

### RCBO Combined MCB and RCCB series Amparo 1+N, 6kA, type A, 30mA



AK668610

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 6A | 2 | | **AK668606** |
| 10A | 2 | | **AK668610** |
| 16A | 2 | | **AK668616** |
| 20A | 2 | | **AK668620** |
| 25A | 2 | | **AK668625** |
| **Characteristic C** | | | |
| 6A | 2 | | **AK667606** |
| 10A | 2 | | **AK667610** |
| 16A | 2 | | **AK667616** |
| 20A | 2 | | **AK667620** |
| 25A | 2 | | **AK667625** |

### RCBO Combined MCB and RCCB series Amparo 3+N, 6kA, type A, 30mA



AK668810

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 10A | | **AK668810** |
| 16A | | **AK668816** |
| 20A | | **AK668820** |
| 25A | | **AK668825** |
| 32A | | **AK668832** |
| 40A | | **AK668840** |
| **Characteristic C** | | |
| 10A | | **AK667810** |
| 16A | | **AK667816** |
| 20A | | **AK667820** |
| 25A | | **AK667825** |
| 32A | | **AK667832** |
| 40A | | **AK667840** |

## RCBO Combined MCB and RCCB series Amparo 1+N, 6kA, type A, 30mA, 1 MW, without neutral wire (with switched neutral)



AI618506

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | AI618506 |
| 10A | | AI618510 |
| 16A | | AI618516 |
| 20A | | AI618520 |
| 32A | | AI618532 |
| **Characteristic C** | | |
| 6A | | AI617506 |
| 10A | | AI617510 |
| 16A | | AI617516 |
| 20A | | AI617520 |
| 25A | | AI617525 |
| 32A | | AI617532 |
| 40A | | AI617540 |

## RCBO Combined MCB and RCCB series Amparo 1+N, 6kA, type A, 30mA, 1 MW, with neutral wire (with switched neutral)



AI668506

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | AI668506 |
| 10A | | AI668510 |
| 16A | | AI668516 |
| 20A | | AI668520 |
| 32A | | AI668532 |
| **Characteristic C** | | |
| 6A | | AI667506 |
| 10A | | AI667510 |
| 16A | | AI667516 |
| 20A | | AI667520 |
| 25A | | AI667525 |
| 32A | | AI667532 |
| 40A | | AI667540 |

## RCBO Combined MCB and RCCB series Amparo 1+N, 10kA, type A, 30mA



AK618640

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | **AK618606** |
| 10A | | **AK618610** |
| 16A | | **AK618616** |
| 20A | | **AK618620** |
| 25A | | **AK618625** |
| 32A | | **AK618632** |
| 40A | | **AK618640** |
| **Characteristic C** | | |
| 6A | | **AK617606** |
| 10A | | **AK617610** |
| 16A | | **AK617616** |
| 20A | | **AK617620** |
| 25A | | **AK617625** |
| 32A | | **AK617632** |
| 40A | | AK617640 |

## RCBO Combined MCB and RCCB series Amparo 1+N, 10kA, type A, 100mA



AK718616

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 16A | | **AK718616** |
| 25A | | **AK718625** |
| **Characteristic C** | | |
| 20A | | **AK717620** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

# MCB Miniature Circuit Breakers

## MCB Miniature Circuit Breakers series Amparo, 6kA, 1-pole



AM618116

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 2A | 1 | | AM618102 |
| 4A | 1 | | AM618104 |
| 6A | 1 | | AM618106 |
| 10A | 1 | | AM618110 |
| 16A | 1 | | AM618116 |
| 20A | 1 | | AM618120 |
| 25A | 1 | | AM618125 |
| 32A | 1 | | AM618132 |
| 40A | 1 | | AM618140 |
| **Characteristic C** | | | |
| 2A | 1 | | AM617102 |
| 4A | 1 | | AM617104 |
| 6A | 1 | | AM617106 |
| 10A | 1 | | AM617110 |
| 16A | 1 | | AM617116 |
| 20A | 1 | | AM617120 |
| 25A | 1 | | AM617125 |
| 32A | 1 | | AM617132 |
| 40A | 1 | | AM617140 |
| 50A | 1 | | AM617150 |
| 63A | 1 | | AM617163 |

## MCB Miniature Circuit Breakers series Amparo, 6kA, 1+N-pole



AM618606

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 6A | 1 | | AM618606 |
| 10A | 1 | | AM618610 |
| 16A | 1 | | AM618616 |
| 20A | 1 | | AM618620 |
| 25A | 1 | | AM618625 |
| 32A | 1 | | AM618632 |
| 40A | 1 | | AM618640 |
| **Characteristic C** | | | |
| 2A | 1 | | AM617602 |
| 4A | 1 | | AM617604 |
| 6A | 1 | | AM617606 |
| 10A | 1 | | AM617610 |
| 16A | 1 | | AM617616 |
| 20A | 1 | | AM617620 |
| 25A | 1 | | AM617625 |
| 32A | 1 | | AM617632 |
| 40A | 1 | | AM617640 |
| 50A | 1 | | AM617650 |
| 63A | 1 | | AM617663 |

## MCB Miniature Circuit Breakers series Amparo, 6kA, 2-pole



AM618213

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 6A | 2 | | **AM618206** |
| 10A | 2 | | **AM618210** |
| 16A | 2 | | **AM618216** |
| 20A | 2 | | **AM618220** |
| 25A | 2 | | **AM618225** |
| 32A | 2 | | **AM618232** |
| 40A | 2 | | **AM618240** |
| **Characteristic C** | | | |
| 6A | 2 | | **AM617206** |
| 10A | 2 | | **AM617210** |
| 16A | 2 | | **AM617216** |
| 20A | 2 | | **AM617220** |
| 25A | 2 | | **AM617225** |
| 32A | 2 | | **AM617232** |
| 40A | 2 | | **AM617240** |
| 50A | 2 | | **AM617250** |
| 63A | 2 | | **AM617263** |

## MCB Miniature Circuit Breakers series Amparo, 6kA, 3-pole



AM618316

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 6A | 3 | | **AM618306** |
| 10A | 3 | | **AM618310** |
| 16A | 3 | | **AM618316** |
| 20A | 3 | | **AM618320** |
| 25A | 3 | | **AM618325** |
| 32A | 3 | | **AM618332** |
| 40A | 3 | | **AM618340** |
| **Characteristic C** | | | |
| 6A | 3 | | **AM617306** |
| 10A | 3 | | **AM617310** |
| 16A | 3 | | **AM617316** |
| 20A | 3 | | **AM617320** |
| 25A | 3 | | **AM617325** |
| 32A | 3 | | **AM617332** |
| 40A | 3 | | **AM617340** |
| 50A | 3 | | **AM617350** |
| 63A | 3 | | **AM617363** |

## MCB Miniature Circuit Breakers series Amparo, 6kA, 3+N



AM617863

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 6A | 4 | | **AM618806** |
| 10A | 4 | | **AM618810** |
| 16A | 4 | | **AM618816** |
| 20A | 4 | | **AM618820** |
| 25A | 4 | | **AM618825** |
| 32A | 4 | | **AM618832** |
| 40A | 4 | | **AM618840** |
| **Characteristic C** | | | |
| 6A | 4 | | **AM617806** |
| 10A | 4 | | **AM617810** |
| 16A | 4 | | **AM617816** |
| 20A | 4 | | **AM617820** |
| 25A | 4 | | **AM617825** |
| 32A | 4 | | **AM617832** |
| 40A | 4 | | **AM617840** |
| 50A | 4 | | **AM617850** |
| 63A | 4 | | **AM617863** |

## MCB Miniature Circuit Breakers series Amparo, 6kA, 4-pole



AM617440

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 10A | | **AM618410** |
| 16A | | **AM618416** |
| 20A | | **AM618420** |
| 25A | | **AM618425** |
| 32A | | **AM618432** |
| 40A | | **AM618440** |
| **Characteristic C** | | |
| 10A | | **AM617410** |
| 16A | | **AM617416** |
| 20A | | **AM617420** |
| 25A | | **AM617425** |
| 32A | | **AM617432** |
| 40A | | **AM617440** |
| 50A | | **AM617450** |
| 63A | | **AM617463** |

## MCB Miniature Circuit Breakers series Amparo, 4,5kA, 1+N on 1MW



AM418516

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 6A | 1 | | **AM418506** |
| 10A | 1 | | **AM418510** |
| 16A | 1 | | **AM418516** |
| 20A | 1 | | **AM418520** |
| **Characteristic C** | | | |
| 6A | 1 | | **AM417506** |
| 10A | 1 | | **AM417510** |
| 16A | 1 | | **AM417516** |
| 20A | 1 | | **AM417520** |
| 25A | 1 | | **AM417525** |
| 32A | 1 | | **AM417532** |

## MCB Miniature Circuit Breakers series Amparo, 6kA - 1+N on 1MW



AM617516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | **AM618506** |
| 10A | | **AM618510** |
| 16A | | **AM618516** |
| 20A | | **AM618520** |
| 25A | | **AM618525** |
| 32A | | **AM618532** |
| 40A | | **AM618540** |
| **Characteristic C** | | |
| 6A | | **AM617506** |
| 10A | | **AM617510** |
| 16A | | **AM617516** |
| 20A | | **AM617520** |
| 25A | | **AM617525** |
| 32A | | **AM617532** |
| 40A | | **AM617540** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCB Miniature Circuit Breakers series Amparo, 10kA, 1-pole



AM018110

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 1A | 4 | | AM018101 |
| 2A | 4 | | AM018102 |
| 3A | 4 | | AM018103 |
| 4A | 4 | | AM018104 |
| 6A | 4 | | AM018106 |
| 10A | 4 | | AM018110 |
| 13A | 4 | | AM018113 |
| 16A | 4 | | AM018116 |
| 20A | 4 | | AM018120 |
| 25A | 4 | | AM018125 |
| 32A | 4 | | AM018132 |
| 40A | 4 | | AM018140 |
| 50A | 4 | | AM018150 |
| 63A | 4 | | AM018163 |
| **Characteristic C** | | | |
| 1A | 4 | | AM017101 |
| 2A | 4 | | AM017102 |
| 3A | 4 | | AM017103 |
| 4A | 4 | | AM017104 |
| 6A | 4 | | AM017106 |
| 10A | 4 | | AM017110 |
| 13A | 4 | | AM017113 |
| 16A | 4 | | AM017116 |
| 20A | 4 | | AM017120 |
| 25A | 4 | | AM017125 |
| 32A | 4 | | AM017132 |
| 40A | 4 | | AM017140 |
| 50A | 4 | | AM017150 |
| 63A | 4 | | AM017163 |
| **Characteristic D** | | | |
| 1A | 4 | | AM019101 |
| 2A | 4 | | AM019102 |
| 3A | 4 | | AM019103 |
| 4A | 4 | | AM019104 |
| 6A | 4 | | AM019106 |
| 10A | 4 | | AM019110 |
| 13A | 4 | | AM019113 |
| 16A | 4 | | AM019116 |
| 20A | 4 | | AM019120 |
| 25A | 4 | | AM019125 |
| 32A | 4 | | AM019132 |
| 40A | 4 | | AM019140 |
| 50A | 4 | | AM019150 |
| 63A | 4 | | AM019163 |

## MCB Miniature Circuit Breakers series Amparo, 10kA, 1+N-pole



AM017616

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic C** | | | |
| 6A | 4 | | **AM017606** |
| 10A | 4 | | **AM017610** |
| 13A | 4 | | **AM017613** |
| 16A | 4 | | **AM017616** |
| 20A | 4 | | **AM017620** |
| 25A | 4 | | **AM017625** |
| 32A | 4 | | **AM017632** |
| 40A | 4 | | **AM017640** |
| 50A | 4 | | **AM017650** |
| 63A | 4 | | **AM017663** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCB Miniature Circuit Breakers series Amparo, 10kA, 2-pole



AM018206

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 1A | 4 | | AM018201 |
| 2A | 4 | | AM018202 |
| 3A | 4 | | AM018203 |
| 4A | 4 | | AM018204 |
| 6A | 4 | | AM018206 |
| 10A | 4 | | AM018210 |
| 13A | 4 | | AM018213 |
| 16A | 4 | | AM018216 |
| 20A | 4 | | AM018220 |
| 25A | 4 | | AM018225 |
| 32A | 4 | | AM018232 |
| 40A | 4 | | AM018240 |
| 50A | 4 | | AM018250 |
| 63A | 4 | | AM018263 |
| **Characteristic C** | | | |
| 1A | 4 | | AM017201 |
| 2A | 4 | | AM017202 |
| 3A | 4 | | AM017203 |
| 4A | 4 | | AM017204 |
| 6A | 4 | | AM017206 |
| 10A | 4 | | AM017210 |
| 13A | 4 | | AM017213 |
| 16A | 4 | | AM017216 |
| 20A | 4 | | AM017220 |
| 25A | 4 | | AM017225 |
| 32A | 4 | | AM017232 |
| 40A | 4 | | AM017240 |
| 50A | 4 | | AM017250 |
| 63A | 4 | | AM017263 |
| **Characteristic D** | | | |
| 1A | 4 | | AM019201 |
| 2A | 4 | | AM019202 |
| 3A | 4 | | AM019203 |
| 4A | 4 | | AM019204 |
| 6A | 4 | | AM019206 |
| 10A | 4 | | AM019210 |
| 13A | 4 | | AM019213 |
| 16A | 4 | | AM019216 |
| 20A | 4 | | AM019220 |
| 25A | 4 | | AM019225 |
| 32A | 4 | | AM019232 |
| 40A | 4 | | AM019240 |
| 50A | 4 | | AM019250 |
| 63A | 4 | | AM019263 |

## MCB Miniature Circuit Breakers series Amparo, 10kA, 3-pole



AM018302

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 1A | 4 | | AM018301 |
| 2A | 4 | | AM018302 |
| 3A | 4 | | AM018303 |
| 4A | 4 | | AM018304 |
| 6A | 4 | | AM018306 |
| 10A | 4 | | AM018310 |
| 13A | 4 | | AM018313 |
| 16A | 4 | | AM018316 |
| 20A | 4 | | AM018320 |
| 25A | 4 | | AM018325 |
| 32A | 4 | | AM018332 |
| 40A | 4 | | AM018340 |
| 50A | 4 | | AM018350 |
| 63A | 4 | | AM018363 |
| **Characteristic C** | | | |
| 1A | 4 | | AM017301 |
| 2A | 4 | | AM017302 |
| 3A | 4 | | AM017303 |
| 4A | 4 | | AM017304 |
| 6A | 4 | | AM017306 |
| 10A | 4 | | AM017310 |
| 13A | 4 | | AM017313 |
| 16A | 4 | | AM017316 |
| 20A | 4 | | AM017320 |
| 25A | 4 | | AM017325 |
| 32A | 4 | | AM017332 |
| 40A | 4 | | AM017340 |
| 50A | 4 | | AM017350 |
| 63A | 4 | | AM017363 |
| **Characteristic D** | | | |
| 1A | 4 | | AM019301 |
| 2A | 4 | | AM019302 |
| 3A | 4 | | AM019303 |
| 4A | 4 | | AM019304 |
| 6A | 4 | | AM019306 |
| 10A | 4 | | AM019310 |
| 13A | 4 | | AM019313 |
| 16A | 4 | | AM019316 |
| 20A | 4 | | AM019320 |
| 25A | 4 | | AM019325 |
| 32A | 4 | | AM019332 |
| 40A | 4 | | AM019340 |
| 50A | 4 | | AM019350 |
| 63A | 4 | | AM019363 |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCB Miniature Circuit Breakers series Amparo, 10kA, 3+N-pole



AM017816

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic C** | | | |
| 6A | 4 | | **AM017806** |
| 10A | 4 | | **AM017810** |
| 13A | 4 | | **AM017813** |
| 16A | 4 | | **AM017816** |
| 20A | 4 | | **AM017820** |
| 25A | 4 | | **AM017825** |
| 32A | 4 | | **AM017832** |
| 40A | 4 | | **AM017840** |
| 50A | 4 | | **AM017850** |
| 63A | 4 | | **AM017863** |

## Busbars

### Busbars series Amparo, 1m



BS990113



BS900116

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **1-pole** | | |
| Busbar fork 1-pole, 57MW, 10mm², not possible to break off | | **BS900140** |
| Busbar fork 1-pole, 57MW, 16mm², not possible to break off | | **BS900141-P** |
| Busbar 1 phase, 16mm², P/N, not possible to break off | | **BS900161-P** |
| **2-pole - L1, N or N, L1** | | |
| Busbar 2-pole, 56MW, 10mm², not possible to break off | | **BS900111** |
| Busbar 2-pole, 56MW, 16mm², not possible to break off | | **BS900112** |
| Busbar Pin Version, 2-pole, 57MW, 10mm², not possible to break off | | **BS990111ME** |
| Busbar Pin Version, 2-pole, 57MW, 16mm², not possible to break off | | **BS990112ME** |
| Busbar end-cap 2-pole, 10mm² | | **BS900118** |
| Busbar end-cap 2-pole, 16mm² | | **BS900116** |
| **3-pole - L1, L2, L3 ... L1, L2, L3** | | |
| C-Busbar 3-pole, 57MW, 10mm², possible to break off | | **BS990113** |
| C-Busbar 3-pole, 57MW, 16mm², possible to break off | | **BS990114** |
| Busbar Pin Version, 3-pole, 57MW, 10mm², not possible to break off | | **BS990116ME** |
| Busbar Pin Version, 3-pole, 57MW, 16mm², not possible to break off | | **BS990117ME** |
| Busbar end-cap 3-pole, 16mm² | | **BS900116** |
| **4-pole - N, L1, L2, L3 ... N, L1, L2, L3** | | |
| Busbar fork 4-pole, 18mm, 10mm², not possible to break off | | **BS990125-A** |
| Busbar Pin Version, 4-pole, 17.5mm, 10mm², not possible to break off | | **BS990126** |
| Busbar end-cap 4-pole | | **BS990117** |

## RCCB Residual Current Circuit Breakers




## RCCB Residual Current Circuit Breakers




## RCBO Combined MCB and RCCB




## RCBO Combined MCB and RCCB




## MCB Miniature Circuit Breakers




## MCB Miniature Circuit Breakers



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# RCCB's, RCBO's, MCB's series BM

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# RCCB Residual Current Circuit Breakers 6kA

## RCCB Residual Current Circuit Breakers series BC6, 6kA, type AC



BC606103



BC604130

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **2-pole, 30mA** | | |
| 25A / 2 / 0.03A | | **BC602203** |
| 40A / 2 / 0.03A | | **BC604203** |
| 63A / 2 / 0.03A | | **BC606203** |
| **4-pole, 30mA** | | |
| 25A / 4 / 0.03A | | **BC602103** |
| 40A / 4 / 0.03A | | **BC604103** |
| 63A / 4 / 0.03A | | **BC606103** |
| **2-pole, 300mA** | | |
| 25A / 2 / 0.3A | | **BC602230** |
| 40A / 4 / 0.3A | | **BC604230** |
| 63A / 4 / 0.3A | | **BC606230** |
| **4-pole, 300mA** | | |
| 25A / 2 / 0.3A | | **BC602130** |
| 40A / 4 / 0.3A | | **BC604130** |
| 63A / 4 / 0.3A | | **BC606130** |

## RCCB Residual Current Circuit Breakers series BC6, 6kA, type A



BC654103



BC654130

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **2-pole, 30mA** | | |
| 25A / 2 / 0.03A | | **BC652203** |
| 40A / 2 / 0.03A | | **BC654203** |
| 63A / 2 / 0.03A | | **BC656203** |
| **4-pole, 30mA** | | |
| 25A / 4 / 0.03A | | **BC652103** |
| 40A / 4 / 0.03A | | **BC654103** |
| 63A / 4 / 0.03A | | **BC656103** |
| **2-pole, 300mA** | | |
| 25A / 2 / 0.3A | | **BC652230** |
| 40A / 4 / 0.3A | | **BC654230** |
| 63A / 4 / 0.3A | | **BC656230** |
| **4-pole, 300mA** | | |
| 25A / 2 / 0.3A | | **BC652130** |
| 40A / 4 / 0.3A | | **BC654130** |
| 63A / 4 / 0.3A | | **BC656130** |

# RCBO Combined MCB and RCCB 6kA

## RCBO Combined MCB and RCCB series BOLF, 30mA, 1+N, 6kA, type AC



BO668516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | BO668506 |
| 10A | | BO668510 |
| 16A | | BO668516 |
| 20A | | BO668520 |
| 25A | | BO668525 |
| 32A | | BO668532 |
| 40A | | BO668540 |
| **Characteristic C** | | |
| 6A | | BO667506 |
| 10A | | BO667510 |
| 16A | | BO667516 |
| 20A | | BO667520 |
| 25A | | BO667525 |
| 32A | | BO667532 |
| 40A | | BO667540 |

## RCBO Combined MCB and RCCB series BOLF, 30mA, 1+N, 6kA, type A



BO668616

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | BO668606 |
| 10A | | BO668610 |
| 16A | | BO668616 |
| 20A | | BO668620 |
| 25A | | BO668625 |
| 32A | | BO668632 |
| 40A | | BO668640 |
| **Characteristic C** | | |
| 6A | | BO667606 |
| 10A | | BO667610 |
| 16A | | BO667616 |
| 20A | | BO667620 |
| 25A | | BO667625 |
| 32A | | BO667632 |
| 40A | | BO667640 |



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## RCBO Combined MCB and RCCB series LS-DI/PT, 30mA, 1+N, 6kA, type AC



BI657516CM

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | **BI658506CM** |
| 10A | | **BI658510CM** |
| 16A | | **BI658516CM** |
| 20A | | **BI658520CM** |
| 25A | | **BI658525CM** |
| 32A | | **BI658532CM** |
| 40A | | **BI658540CM** |
| **Characteristic C** | | |
| 6A | | **BI657506CM** |
| 10A | | **BI657510CM** |
| 16A | | **BI657516CM** |
| 20A | | **BI657520CM** |
| 25A | | **BI657525CM** |
| 32A | | **BI657532CM** |
| 40A | | **BI657540CM** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

# MCB Miniature Circuit Breakers 6kA

## MCB Miniature Circuit Breakers series BM6, 6kA, 1-pole



BM618110

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 2A | | BM618102 |
| 4A | | BM618104 |
| 6A | | BM618106 |
| 10A | | BM618110 |
| 16A | | BM618116 |
| 20A | | BM618120 |
| 25A | | BM618125 |
| 32A | | BM618132 |
| 40A | | BM618140 |
| 50A | | BM618150 |
| 63A | | BM618163 |
| **Characteristic C** | | |
| 2A | | BM617102 |
| 4A | | BM617104 |
| 6A | | BM617106 |
| 10A | | BM617110 |
| 16A | | BM617116 |
| 20A | | BM617120 |
| 25A | | BM617125 |
| 32A | | BM617132 |
| 40A | | BM617140 |
| 50A | | BM617150 |
| 63A | | BM617163 |

## MCB Miniature Circuit Breakers series BM6, 6kA, 1+N



BM617616

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | BM618606 |
| 10A | | BM618610 |
| 16A | | BM618616 |
| **Characteristic C** | | |
| 2A | | BM617602 |
| 4A | | BM617604 |
| 6A | | BM617606 |
| 10A | | BM617610 |
| 16A | | BM617616 |
| 20A | | BM617620 |
| 25A | | BM617625 |
| 32A | | BM617632 |
| 40A | | BM617640 |
| 50A | | BM617650 |
| 63A | | BM617663 |

## MCB Miniature Circuit Breakers series BM6, 6kA, 2-pole



BM618210

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 2A | | BM618202 |
| 4A | | BM618204 |
| 6A | | BM618206 |
| 10A | | BM618210 |
| 16A | | BM618216 |
| 20A | | BM618220 |
| 25A | | BM618225 |
| 32A | | BM618232 |
| 40A | | BM618240 |
| **Characteristic C** | | |
| 2A | | BM617202 |
| 4A | | BM617204 |
| 6A | | BM617206 |
| 10A | | BM617210 |
| 16A | | BM617216 |
| 20A | | BM617220 |
| 25A | | BM617225 |
| 32A | | BM617232 |
| 40A | | BM617240 |
| 50A | | BM617250 |
| 63A | | BM617263 |

## MCB Miniature Circuit Breakers series BM6, 6kA, 3-pole



BM617316

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | BM618306 |
| 10A | | BM618310 |
| 16A | | BM618316 |
| 20A | | BM618320 |
| 25A | | BM618325 |
| 32A | | BM618332 |
| 40A | | BM618340 |
| 50A | | BM618350 |
| 63A | | BM618363 |
| **Characteristic C** | | |
| 2A | | BM617302 |
| 4A | | BM617304 |
| 6A | | BM617306 |
| 10A | | BM617310 |
| 16A | | BM617316 |
| 20A | | BM617320 |
| 25A | | BM617325 |
| 32A | | BM617332 |
| 40A | | BM617340 |
| 50A | | BM617350 |
| 63A | | BM617363 |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCB Miniature Circuit Breakers series BM6, 6kA, 3+N



BM617816

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | BM618806 |
| 10A | | BM618810 |
| 16A | | BM618816 |
| 20A | | BM618820 |
| 25A | | BM618825 |
| 32A | | BM618832 |
| 40A | | BM618840 |
| 50A | | BM618850 |
| 63A | | BM618863 |
| **Characteristic C** | | |
| 2A | | BM617802 |
| 4A | | BM617804 |
| 6A | | BM617806 |
| 10A | | BM617810 |
| 16A | | BM617816 |
| 20A | | BM617820 |
| 25A | | BM617825 |
| 32A | | BM617832 |
| 40A | | BM617840 |
| 50A | | BM617850 |
| 63A | | BM617863 |

## MCB Miniature Circuit Breakers series BM6, 6kA, 4-pole



BM617416

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | BM618406 |
| 10A | | BM618410 |
| 16A | | BM618416 |
| 20A | | BM618420 |
| 25A | | BM618425 |
| 32A | | BM618432 |
| 40A | | BM618440 |
| 50A | | BM618450 |
| 63A | | BM618463 |
| **Characteristic C** | | |
| 2A | | BM617402 |
| 4A | | BM617404 |
| 6A | | BM617406 |
| 10A | | BM617410 |
| 16A | | BM617416 |
| 20A | | BM617420 |
| 25A | | BM617425 |
| 32A | | BM617432 |
| 40A | | BM617440 |
| 50A | | BM617450 |
| 63A | | BM617463 |

## MCB Miniature Circuit Breakers series BS4, 4.5kA, 1+N on 1MW



BS417502

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | **BS418506** |
| 16A | | **BS418516** |
| **Characteristic C** | | |
| 2A | | **BS417502** |
| 4A | | **BS417504** |
| 6A | | **BS417506** |
| 10A | | **BS417510** |
| 16A | | **BS417516** |
| 20A | | **BS417520** |
| 25A | | **BS417525** |
| 32A | | **BS417532** |
| 40A | | **BS417540** |

## MCB Miniature Circuit Breakers series BS6, 6kA, 1+N on 1MW



BS018510

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | **BS018506** |
| 10A | | **BS018510** |
| 16A | | **BS018516** |
| **Characteristic C** | | |
| 2A | | **BS017502** |
| 4A | | **BS017504** |
| 6A | | **BS017506** |
| 10A | | **BS017510** |
| 16A | | **BS017516** |
| 20A | | **BS017520** |
| 25A | | **BS017525** |
| 32A | | **BS017532** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

# RCCB Residual Current Circuit Breakers 10kA

## RCCB Residual Current Circuit Breakers series BC, 10kA, type AC



BC002203



BC000130

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **2-pole, 30mA** | | |
| 25A / 2 / 0.03A | | **BC002203** |
| 40A / 2 / 0.03A | | **BC004203** |
| 63A / 2 / 0.03A | | **BC006203** |
| 80A / 2 / 0.03A | | **BC008203** |
| **4-pole, 30mA** | | |
| 25A / 4 / 0.03A | | **BC002103** |
| 40A / 4 / 0.03A | | **BC004103** |
| 63A / 4 / 0.03A | | **BC006103** |
| 80A / 4 / 0.03A | | **BC008103** |
| 100A / 4 / 0.03A | | **BC000103** |
| 125A / 4 / 0.03A | | **BD037103-A** |
| **2-pole, 300mA** | | |
| 25A / 2 / 0.3A | | **BC002230** |
| 40A / 4 / 0.3A | | **BC004230** |
| 63A / 4 / 0.3A | | **BC006230** |
| **4-pole, 300mA** | | |
| 25A / 4 / 0.3A | | **BC002130** |
| 40A / 4 / 0.3A | | **BC004130** |
| 63A / 4 / 0.3A | | **BC006130** |
| 80A / 4 / 0.3A | | **BC008130** |
| 100A / 4 / 0.3A | | **BC000130** |
| 125A / 4 / 0.3A | | **BD037130-A** |

## RCCB Residual Current Circuit Breakers series BC, 10kA, type A



BC052203



BC054103

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **2-pole, 30mA** | | |
| 25A / 2 / 0.03A | | **BC052203** |
| 40A / 2 / 0.03A | | **BC054203** |
| **4-pole, 30mA** | | |
| 25A / 4 / 0.03A | | **BC052103** |
| 40A / 4 / 0.03A | | **BC054103** |
| 63A / 4 / 0.03A | | **BC056103** |
| 80A / 4 / 0.03A | | **BC058103** |
| 100A / 4 / 0.03A | | **BC050103** |
| 125A / 4 / 0.03A | | **BC057103** |
| **2-pole, 300mA** | | |
| 40A / 2 / 0.3A | | **BC054230** |
| **4-pole, 300mA** | | |
| 40A / 4 / 0.3A | | **BC054130** |
| 63A / 4 / 0.3A | | **BC056130** |
| 80A / 4 / 0.3A | | **BC058130** |
| 100A / 4 / 0.3A | | **BC050130** |
| 125A / 4 / 0.3A | | **BC057130** |

## RCCB Residual Current Circuit Breakers series BC, 10kA, type A,S


BC064130

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **4-pole, 300mA** | | |
| 40A / 4 / 0.3A | | **BC064130** |
| 63A / 4 / 0.3A | | **BC066130** |
| 80A / 4 / 0.3A | | **BC068130** |
| 100A / 4 / 0.3A | | **BC060130** |

## RCCB Residual Current Circuit Breakers series BCFO, 10kA, type A, version G, frequency converter proof


BC094103

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **4-pole, 30mA** | | |
| 40A / 4 / 0.03A | | **BC094103** |
| 63A / 4 / 0.03A | | **BC096103** |

## RCCB Residual Current Circuit Breakers series BC, 10kA, type A,S, frequency converter proof


BC064130

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **4-pole, 300mA** | | |
| 40A / 4 / 0.3A | | **BC094130** |
| 63A / 4 / 0.3A | | **BC096130** |
| 80A / 4 / 0.3A | | **BC098130** |
| 100A / 4 / 0.3A | | **BC090130** |

## RCCB Residual Current Circuit Breakers series FD-B, type B


BD874103

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **4-pole, 30mA** | | |
| 40A / 4 / 0.03A | | **BD874103** |
| 63A / 4 / 0.03A | | **BD876103** |
| 80A / 4 / 0.03A | | **BD878103** |
| **4-pole, 300mA** | | |
| 40A / 4 / 0.3A | | **BD874130** |
| 63A / 4 / 0.3A | | **BD876130** |
| 80A / 4 / 0.3A | | **BD878130** |

## RCCB series FI-EV, 10kA, type EV for electric vehicle


BDEV4403

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **4-pole, 30mA** | | |
| 40A / 4 / 0.03A | | **BDEV4403** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## RCCB Residual Current Add-on Block, series BB, 10kA, type A



BB044203

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **2-pole, 30mA** | | |
| 40A / 2 / 0.03A | | **BB044203** |
| 63A / 2 / 0.03A | | **BB046203** |
| **4-pole, 30mA** | | |
| 40A / 4 / 0.03A | | **BB044403** |
| 63A / 4 / 0.03A | | **BB046403** |

## RCCB Residual Current Add-on Block, series BB, 10kA, type S



BB076430

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **2-pole, 300mA** | | |
| 40A / 2 / 0.3A | | **BB074230** |
| 63A / 2 / 0.3A | | **BB076230** |
| **4-pole, 300mA** | | |
| 40A / 4 / 0.3A | | **BB074430** |
| 63A / 4 / 0.3A | | **BB076430** |

## RCCB Residual Current Add-on Block, series BB, 10kA, type A, S



BB066430

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **4-pole, 300mA** | | |
| 63A / 4 / 0.3A | | **BB066430** |

## RCBO Combined MCB and RCCB 10kA

### RCBO Combined MCB and RCCB series BOLF, 30mA, 1+N, 10kA, type AC



BO618516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | BO618506 |
| 10A | | BO618510 |
| 16A | | BO618516 |
| 20A | | BO618520 |
| 25A | | BO618525 |
| 32A | | BO618532 |
| 40A | | BO618540 |
| **Characteristic C** | | |
| 6A | | BO617506 |
| 10A | | BO617510 |
| 16A | | BO617516 |
| 20A | | BO617520 |
| 25A | | BO617525 |
| 32A | | BO617532 |
| 40A | | BO617540 |

### RCBO Combined MCB and RCCB series BOLF, 30mA, 1+N, 10kA, type A



BO618606

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 6A | | BO618606 |
| 10A | | BO618610 |
| 16A | | BO618616 |
| 20A | | BO618620 |
| 25A | | BO618625 |
| **Characteristic C** | | |
| 6A | | BO617606 |
| 10A | | BO617610 |
| 16A | | BO617616 |
| 20A | | BO617620 |
| 25A | | BO617625 |
| 32A | | BO617632 |

## RCBO Combined MCB and RCCB series BOLF, 30mA, 2-pole, 10/6kA, type A


BO617216

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 10A | | BO618210 |
| 16A | | BO618216 |
| 20A | | BO618220 |
| 25A* | | BO668225 |
| 32A* | | BO668232 |
| 40A* | | BO668240 |
| **Characteristic C** | | |
| 10A | | BO617210 |
| 16A | | BO617216 |
| 20A | | BO617220 |
| 25A* | | BO667225 |
| 32A* | | BO667232 |

* Short circuit breaking capacity 6kA

## RCBO Combined MCB and RCCB series BOLF, 30mA, 3-pole, 10kA, type A


BO618320

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 10A | | BO618310 |
| 16A | | BO618316 |
| 20A | | BO618320 |
| **Characteristic C** | | |
| 10A | | BO617310 |
| 16A | | BO617316 |
| 20A | | BO617320 |

## RCBO Combined MCB and RCCB series BOLF, 30mA, 3+N, 6kA, type A


BO668816

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 16A | | BO668816 |
| **Characteristic C** | | |
| 6A | | BO667806 |
| 10A | | BO667810 |
| 16A | | BO667816 |

## RCBO Combined MCB and RCCB series LS-DI/PT, 30mA, 1+N, 10kA, type AC


BI057516CM

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic C** | | |
| 6A | | BI057506CM |
| 10A | | BI057510CM |
| 16A | | BI057516CM |
| 20A | | BI057520CM |
| 25A | | BI057525CM |
| 32A | | BI057532CM |

# MCB Miniature Circuit Breakers 10kA

## MCB Miniature Circuit Breakers series BMS0, 10kA, 1-pole



BM018104

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 4A | 1 | | **BM018104** |
| 6A | 1 | | **BM018106** |
| 10A | 1 | | **BM018110** |
| 16A | 1 | | **BM018116** |
| 20A | 1 | | **BM018120** |
| 25A | 1 | | **BM018125** |
| 32A | 1 | | **BM018132** |
| 40A | 1 | | **BM018140** |
| **Characteristic C** | | | |
| 0.5A | 1 | | **BM0171005** |
| 1A | 1 | | **BM017101** |
| 2A | 1 | | **BM017102** |
| 4A | 1 | | **BM017104** |
| 6A | 1 | | **BM017106** |
| 10A | 1 | | **BM017110** |
| 16A | 1 | | **BM017116** |
| 20A | 1 | | **BM017120** |
| 25A | 1 | | **BM017125** |
| 32A | 1 | | **BM017132** |
| 40A | 1 | | **BM017140** |
| 50A | 1 | | **BM017150** |
| 63A | 1 | | **BM017163** |
| **Characteristic D** | | | |
| 4A | 1 | | **BM019104** |
| 6A | 1 | | **BM019106** |
| 10A | 1 | | **BM019110** |
| 16A | 1 | | **BM019116** |
| 20A | 1 | | **BM019120** |
| 25A | 1 | | **BM019125** |
| 32A | 1 | | **BM019132** |
| 40A | 1 | | **BM019140** |

## MCB Miniature Circuit Breakers series BMS0, 10kA - 1+N



BM017616

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Characteristic B** | | |
| 2A | | **BM018602** |
| 4A | | **BM018604** |
| 6A | | **BM018606** |
| 10A | | **BM018610** |
| 13A | | **BM018613** |
| 16A | | **BM018616** |
| 20A | | **BM018620** |
| 25A | | **BM018625** |
| 32A | | **BM018632** |
| **Characteristic C** | | |
| 2A | | **BM017602** |
| 3A | | BM017603 |
| 4A | | **BM017604** |
| 6A | | **BM017606** |
| 10A | | **BM017610** |
| 13A | | **BM017613** |
| 16A | | **BM017616** |
| 20A | | **BM017620** |
| 25A | | **BM017625** |
| 32A | | **BM017632** |

## MCB Miniature Circuit Breakers series BMS0, 10kA, 2-pole



BM018210

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 6A | 2 | | **BM018206** |
| 10A | 2 | | **BM018210** |
| 16A | 2 | | **BM018216** |
| 20A | 2 | | **BM018220** |
| 25A | 2 | | **BM018225** |
| 32A | 2 | | **BM018232** |
| **Characteristic C** | | | |
| 0.5A | 2 | | **BM0172005** |
| 1A | 2 | | **BM017201** |
| 2A | 2 | | **BM017202** |
| 4A | 2 | | **BM017204** |
| 6A | 2 | | **BM017206** |
| 10A | 2 | | **BM017210** |
| 16A | 2 | | **BM017216** |
| 20A | 2 | | **BM017220** |
| 25A | 2 | | **BM017225** |
| 32A | 2 | | **BM017232** |
| 40A | 2 | | **BM017240** |
| 50A | 2 | | **BM017250** |
| 63A | 2 | | **BM017263** |
| **Characteristic D** | | | |
| 4A | 2 | | **BM019204** |
| 6A | 2 | | **BM019206** |
| 10A | 2 | | **BM019210** |
| 16A | 2 | | **BM019216** |
| 20A | 2 | | **BM019220** |
| 25A | 2 | | **BM019225** |
| 32A | 2 | | **BM019232** |
| 40A | 2 | | **BM019240** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCB Miniature Circuit Breakers series BMS0, 10kA, 3-pole



BM018304

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 4A | 3 | | BM018304 |
| 6A | 3 | | BM018306 |
| 10A | 3 | | BM018310 |
| 16A | 3 | | BM018316 |
| 20A | 3 | | BM018320 |
| 25A | 3 | | BM018325 |
| 32A | 3 | | BM018332 |
| 40A | 3 | | BM018340 |
| 50A | 3 | | BM018350 |
| 63A | 3 | | BM018363 |
| **Characteristic C** | | | |
| 2A | 3 | | BM017302 |
| 4A | 3 | | BM017304 |
| 6A | 3 | | BM017306 |
| 10A | 3 | | BM017310 |
| 16A | 3 | | BM017316 |
| 20A | 3 | | BM017320 |
| 25A | 3 | | BM017325 |
| 32A | 3 | | BM017332 |
| 40A | 3 | | BM017340 |
| 50A | 3 | | BM017350 |
| 63A | 3 | | BM017363 |
| **Characteristic D** | | | |
| 4A | 3 | | BM019304 |
| 6A | 3 | | BM019306 |
| 10A | 3 | | BM019310 |
| 16A | 3 | | BM019316 |
| 20A | 3 | | BM019320 |
| 25A | 3 | | BM019325 |
| 32A | 3 | | BM019332 |
| 40A | 3 | | BM019340 |



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## MCB Miniature Circuit Breakers series BMS0, 10kA, 3+N



BM018806

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic B** | | | |
| 6A | 4 | | **BM018806** |
| 10A | 4 | | **BM018810** |
| 16A | 4 | | **BM018816** |
| 20A | 4 | | **BM018820** |
| 25A | 4 | | **BM018825** |
| 32A | 4 | | **BM018832** |
| 40A | 4 | | **BM018840** |
| 50A | 4 | | **BM018850** |
| 63A | 4 | | **BM018863** |
| **Characteristic C** | | | |
| 6A | 4 | | **BM017806** |
| 10A | 4 | | **BM017810** |
| 16A | 4 | | **BM017816** |
| 20A | 4 | | **BM017820** |
| 25A | 4 | | **BM017825** |
| 32A | 4 | | **BM017832** |
| 40A | 4 | | **BM017840** |
| 50A | 4 | | **BM017850** |
| 63A | 4 | | **BM017863** |

## MCB Miniature Circuit Breakers series BMS0, 10kA, 4-pole



BM017416

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Characteristic C** | | | |
| 6A | 4 | | **BM017406** |
| 10A | 4 | | **BM017410** |
| 16A | 4 | | **BM017416** |
| 20A | 4 | | **BM017420** |
| 25A | 4 | | **BM017425** |
| 32A | 4 | | **BM017432** |
| 40A | 4 | | **BM017440** |
| 50A | 4 | | **BM017450** |
| 63A | 4 | | **BM017463** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

# Busbars

## Busbars, 1m



BS990113



BS900116

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **1-pole** | | |
| Busbar fork 1-pole, 57MW, 10mm², not possible to break off | | **BS900140** |
| Busbar fork 1-pole, 57MW, 16mm², not possible to break off | | **BS900141-P** |
| Busbar pin version 1-pole, 16mm², P/N, not possible to break off | | **BS900161-P** |
| **2-pole - L1, N or N, L1** | | |
| Busbar 2-pole, 56MW, 10mm², not possible to break off | | **BS900111** |
| Busbar 2-pole, 56MW, 16mm², not possible to break off | | **BS900112** |
| Busbar pin version, 2-pole, 57MW, 10mm², not possible to break off | | **BS990111ME** |
| Busbar pin version, 2-pole, 57MW, 16mm², not possible to break off | | **BS990112ME** |
| Busbar end-cap 2-pole, 10mm² | | **BS900118** |
| Busbar end-cap 2-pole, 16mm² | | **BS900116** |
| **3-pole - L1, L2, L3 ... L1, L2, L3** | | |
| C-Busbar 3-pole, 57MW, 10mm², possible to break off | | **BS990113** |
| C-Busbar 3-pole, 57MW, 16mm², possible to break off | | **BS990114** |
| Busbar pin version, 3-pole, 57MW, 10mm², not possible to break off | | **BS990116ME** |
| Busbar pin version, 3-pole, 57MW, 16mm², not possible to break off | | **BS990117ME** |
| Busbar end-cap 3-pole, 16mm² | | **BS900116** |
| **4-pole - L1, L2, L3, N ... L1, L2, L3, N** | | |
| Busbar fork 4-pole, 10mm², not possible to break off | | **BS990121** |
| Busbar fork 4-pole, 16mm², not possible to break off | | **BS990122** |
| Busbar end-cap 4-pole | | **BS990117** |
| **4-pole - L1, N, L2, N, L3, N ... L1, N, L2, N, L3, N** | | |
| Busbar fork 4-pole, 10mm², not possible to break off | | **BS900124** |
| Busbar fork 4-pole, 16mm², not possible to break off | | **BS900123** |
| Busbar pin version 4-pole, 16mm², not possible to break off | | **BS990124** |
| Busbar end-cap 4-pole | | **BS990117** |

## Main Load-break Switches (Isolators)




## Impulse Relays




## Timers for Staircase Lighting




## Modular contactors series Amparo




## Timer for Staircase Lighting series TIMON




## Remote switch series STELLA



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Modular Devices

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# Main Load-break Switches (Isolators), Series AMPARO

## Main Load-Break Switch (Isolator) Series AMPARO 32A



AZ200243

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 32A / 1-pole | | AZ200241 |
| 32A / 2-pole | | AZ200242 |
| 32A / 3-pole | | AZ200243 |
| 32A / 4-pole | | AZ200244 |

## Main Load-Break Switch (Isolator) Series AMPARO 63A



AZ200264

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 63A / 1-pole | | AZ200261 |
| 63A / 2-pole | | AZ200262 |
| 63A / 3-pole | | AZ200263 |
| 63A / 4-pole | | AZ200264 |

## Main Load-Break Switch (Isolator) Series AMPARO 100A



AZ200202

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 100A / 1-pole | | AZ200201 |
| 100A / 2-pole | | AZ200202 |
| 100A / 3-pole | | AZ200203 |
| 100A / 4-pole | | AZ200204 |

## Main Load-Break Switch (Isolator) Series AMPARO 125A



AZ200223

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 125A / 1-pole | | AZ200221 |
| 125A / 2-pole | | AZ2002212 |
| 125A / 3-pole | | AZ200223 |
| 125A / 4-pole | | AZ200224 |

## Main Load-break Switches (Isolators)

## Main Load-Break Switches (Isolators)



BZ900243

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **1-pole** | | |
| 40A | | BZ900241 |
| 63A | | BZ900261 |
| 80A | | BZ900281 |
| 100A | | BZ900201 |
| 125A | | BZ900221 |
| **2-pole** | | |
| 40A | | BZ900242 |
| 63A | | BZ900262 |
| 80A | | BZ900282 |
| 100A | | BZ900202 |
| 125A | | BZ900222 |
| **3-pole** | | |
| 40A | | BZ900243 |
| 63A | | BZ900263 |
| 80A | | BZ900283 |
| 100A | | BZ900203 |
| 125A | | BZ900223 |
| **4-pole** | | |
| 40A | | BZ900244 |
| 63A | | BZ900264 |
| 80A | | BZ900284 |
| 100A | | BZ900204 |
| 125A | | BZ900224 |



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## Impulse Relays

### Remote Switch Series LQ6



LQ612230

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **230VAC** | | |
| 4 NO, 230VAC | | **LQ610230** |
| 1 NO, 230VAC | | **LQ611230** |
| 2 NO, 230VAC | | **LQ612230** |
| 1 NO + 1 NC, 230VAC | | **LQ614230** |
| 1 C/O, 230VAC | | **LQ617230** |
| 2 C/O, 230VAC | | **LQ618230** |
| **48VAC/24VDC** | | |
| 1 NO, 48VAC/24VDC | | **LQ611048** |
| 2 NO, 48VAC/24VDC | | **LQ612048** |
| 1 C/O, 48VAC/24VDC | | **LQ617048** |
| **24VAC/12VDC** | | |
| 4 NO 24VAC/12VDC | | LQ610024 |
| 1 NO 24VAC/12VDC | | **LQ611024** |
| 2 NO 24VAC/12VDC | | **LQ612024** |
| **12VAC** | | |
| 1 NO 12VAC | | **LQ611012** |
| 2 NO 12VAC | | LQ612012 |
| **8VAC** | | |
| 1 NO, 8VAC | | LQ611008 |
| **Accessories** | | |
| Capacitor module, 240VAC, 1,5µF | | **LQ690001** |

### Remote Switches with LED Series LQ6



LQ622230

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 2 NO, 230VAC | | **LQ622230** |
| 2 NO, 24VDC | | LQ622D24 |

### Remote Switches with Central Switch Function Series LQ6



LQ663230

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **230VAC** | | |
| 1 NO, 230VAC | | **LQ661230** |
| 3 NO, 230VAC | | **LQ663230** |
| 2 NO + 1 NC, 230VAC | | **LQ665230** |
| **24VAC** | | |
| 1 Schliesser, 24VAC | | **LQ661024** |
| **Accessories** | | |
| Capacitor module, 240VAC, 1,5µF | | **LQ690001** |

## Remote Switch Series Amparo



LQA01230

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **230VAC** | | |
| 1 NO, 230VAC | | **LQA01230** |

## Accessories Series LQ6



LQ690001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Capacitor module, 240VAC, 1,5µF | | **LQ690001** |

## Remote Switch Series STELLA



LQ540000

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Electronic remote-switch, 230V-AC, 16A | | **LQ540000** |

## Day-/Night Tariff Contactor



BZ926301

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Preselection contactor 2 NO, 20A, 230VAC | | **BZ972230** |
| Preselection contactor 4 NO, 20A, 230VAC | | BZ974230 |

## Remote Switch for Flush-mounted Boxes



LQ207024-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 230VAC, 1 Contact | | **LQ203230-A** |
| 24VAC, 1 Contact | | **LQ207024-A** |
| 230VAC, 2 Contacts | | **LQ207230-A** |

# Modular Contactors System BZ

## Modular Contactors AC-1, AC Coil, Series AMPARO



BZ326461ME

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **AC Coil 24V** | | |
| 20A, 1NO+1 NC / 24VAC 1 MW | | **BZ326421ME** |
| 20A, 2NO / 24VAC 1 MW | | **BZ326453ME** |
| 25A, 4NO / 24VAC 2 MW | | **BZ326460ME** |
| **AC Coil 230V** | | |
| 20A, 2NO / 230VAC 1 MW | | **BZ326437ME** |
| 20A, 1NO+1 NC / 230VAC 1 MW | | **BZ326438ME** |
| 20A, 2 NC / 230VAC 1 MW | | **BZ326439ME** |
| 40A, 4NO / 230VAC 3 MW | | **BZ326442ME** |
| 63A, 4NO / 230VAC 3 MW | | **BZ326444ME** |
| 25A, 4NO / 230VAC 2 MW | | **BZ326461ME** |
| 25A, 3NO+1NC / 230VAC 2 MW | | **BZ326463ME** |
| 40A, 2NO+2NC / 230VAC 3 MW | | **BZ326466ME** |

# Modular Relays

## Modular Relays



BZ651000



BZ652000

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 1 CO 8A/250V-AC, Coil 24-240V AC/DC | | **BZ651000** |
| 2 CO 8A/250V-AC, Coil 12-240V AC/DC | | **BZ652000** |

## Modular Relays for LED Series ALEXA



BZ651230

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Modular high-inrush-relay series ALEXA, 1 NO, 230V AC | | **BZ651230** |

# Timers for Staircase Lighting

## Timers for Staircase Lighting Series TIMON



BZ327210-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Staircase Timer TIMON, 1-30min, 16A | | **BZ327210-A** |

## Timers for Staircase Lighting Series VOWA



BZ327350

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Staircase Timer VOWA, 1-12min, 16A, with Advance Warning | | **BZ327350** |
| Stair Case Timer VOWA+, 1-12m, 16A, Advance Warning+Contr.Inp | | **BZ327360** |

## Timers for Staircase Lighting Series BZ



BZ326350-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Staircase Timer, 1-7min | | **BZ326350-A** |

## Time Switches & Twilight Switches

### Digital Time Switches - Series Tempus



BZT28371

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Weekly Time Switches** | | |
| Digital day/week timer, 2 modules width, 1 channel, Tempus Digital | | **BZT18D011W** |
| Digital day/week timer, 2 modules width, 2 channel, Tempus Digital | | **BZT18D012W** |
| Digital 1 channel day/week time switch 2TE, Series Tempus D | | **BZT28371** |
| Digital 2 channel day/week time switch 2TE,Series Tempus D | | **BZT28372** |
| Digital 1 channel week time switch 1 TE, Series Tempus D | | **BZT26440** |
| **Digital astronomical Time Switches** | | |
| Digital ASTRO-Timer 1 CO, 16A | | **BZT28A71** |
| Digital Astro time-switch, 2 modules width, 1 channel, Tempus Digital | | **BZT18D011A** |
| **Digital Year Time Switches** | | |
| Digital 2 channel Astro- and year time switch 3MW | | **BZT27662** |
| Digital 4 channel Astro- and year time switch 4MW | | **BZT27664** |
| **Accessories for Digital Time Switches** | | |
| Tempus D PC Software - Set | | **BZT27900** |
| DCF antenna for Year time switch | | **BZT27930** |
| GPS antenna for year time switch | | BZT27940S |

### Analog Time Switches - Series Tempus



BZT26448

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Analog Time Switches, 1MW** | | |
| Mechanical time switch syncron 1NC, 1MW | | **BZT26448** |
| Mechanical time switch quarz 1NC, 1MW | | **BZT26450** |
| **Analog Time Switches, 3MW** | | |
| Mechanical time switch syncron 1C/O, 3MW | | **BZT27031-A** |
| Mechanical time switch quarz 1C/O, 3MW | | **BZT27131-A** |

### Twilight Switches



BZT27731

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Twilight Switches with External Light Sensor** | | |
| Analogue twilight switch with brightness sensor, 1 module width, 1 channel, Tempus Lux | | **BZT17A011** |
| Digital twilight switch with brightness sensor, 3 modules width, 1 channel, Tempus Lux | | **BZT17D011** |
| Analogue Photoelectric switch, 1 Ch., 1 MW | | **BZT27711** |
| Flush mounted twilight switch, IP20/IP44, 5-300 lx | | ESD016509 |
| **Twilight Switches with Integrated Light Sensor** | | |
| Wall - Photoelectric switch with integrated light sensor | | **BZT27800** |
| Twilight switch for surface mounting, IP54, 5-300 lx | | ESD016530 |
| Surface mounted twilight switch with integrated brightness sensor, IP55, Tempus Lux | | **BZT27A011** |
| **Twilight Switches Accessoires** | | |
| Light Sensor Surface mounting IP54 | | **BZT26325** |

# Modular Control Units

## Modular Switch with Toggle



BZ106010

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 16A, 1 NC | | **BZ106010** |
| 16A, 3 NC | | **BZ106030** |

## Modular Switch with Push Button



BZ107010

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 16A , 1 NC | | **BZ107010** |
| 16A , 2 NC | | **BZ107020** |
| 16A , 1 NO + 1 NC | | **BZ107030** |
| 16A , 1 C/O | | **BZ107050** |

## Modular Control Switch with Toggle



BZ106731

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Switch, 16A, 3 NC + 1 NO | | **BZ106731** |

## Modular Change-over Switch, 1-O-2



BZ106380

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Change-over Switch 1-O-2, 16A, 1 C/O | | **BZ106380** |
| Change-over Switch 1-O-2, 16A, 2 C/O | | **BZ106390** |

## Modular Switch with LED



BZ127131

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 16A, 1 NO + 1 NC, 24VAC/DC | | BZ127131 |
| 16A, 2 NC, 24VAC/DC | | **BZ127121** |
| 16A , 1 NO + 1 NC , 230VAC/DC | | **BZ117131** |
| 16A , 2 NC , 230VAC/DC | | **BZ117121** |

# Modular Devices

## Modular Push Button



BZ107430

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 16A , 1 NC | | BZ107410 |
| 16A , 1 NO + 1 NC | | BZ107430 |

## Modular Push Button with LED



BZ117531

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 16A, 1 NO + 1 NC, 24VAC/DC | | BZ127531 |
| 16A , 1 NO + 1 NC , 230VAC/DC | | BZ117531 |

## Modular Indicator with LED



BZ127904

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Single-LED, 12 - 24VAC/DC | | BZ127904 |
| Single Light 110 - 240VAC/DC, red/green | | BZ117904 |
| Double-LED 12 - 24VAC/DC | | BZ127908 |
| Double Light 110 - 240VAC/DC, red/green | | BZ117908 |

## Modular LED Phase Indicator



BZ106803

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Phase indication 3-pole, 230/400VAC | | BZ106803 |

## Modular Indicator with LED, series Amparo



AZ106808

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Green | | AZ106800 |
| Red | | AZ106801 |
| Yellow | | AZ106802 |
| Blue | | AZ106803 |
| White | | AZ106804 |
| Red/green | | AZ106808 |

# Bell Transformers and Modular Power Supplies

## Modular Bell Transformer



BZ326578-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 230VAC - 4/8/12VAC sek., 15VA | | BZ326577-A |
| 230VAC - 12/12/12 VAC sec., 30 VA | | BZ326578-A |

## Modular Bell Transformer, 100% Duty Cycle



BZ326579-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 230VAC - 12 or 24V AC sek., 63VA | | BZ326579-A |

## DIN Rail Power Supplies



LP746201

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 230/24VDC, 1,5A | | LP746201 |
| 230/12 V DC, 2 A | | LP7432C2 |

## Power Supplies - Series LP4



LP412402

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **12V - Output voltage** | | |
| 230VAC/12VDC, 5A at 50°C | | LP411205 |
| 230VAC/12VDC, 10A at 50°C | | LP411210 |
| **24V - Output voltage** | | |
| 230VAC/24VDC, 2,5A at 50°C | | LP412402 |
| 230VAC/24VDC, 4,5A at 50°C | | LP412405 |
| 230VAC/24VDC, 6A at 50°C | | LP412406 |
| 230VAC/24VDC, 12A at 50°C | | LP412412 |
| 230VAC/24VDC, 22A at 50°C | | LP412422 |
| 400VAC/24VDC, 22A at 50°C | | LP432422 |
| **24V - Output voltage with UPS Function** | | |
| 230VAC/24VDC, 5A with UPS function | | LP442405 |
| 230VAC/24VDC, 10A with UPS function | | LP442410 |

## Lightning and Overvoltage Surge Arresters series COMBTEC, Class B/C




## Surge arrester pluggable, 3+1 TT, Class I+II (B+C) 300V, Iimp 12.5kA




## Overvoltage Arresters series Vartec, Class C




## Photovoltaic Surge Arresters series Photec




## Overvoltage Arresters series Vartec, Class D




## Socket Protection Module Arester



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Lightning and Overvoltage Surge Arresters

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# Lightning and Overvoltage Surge Arresters for TNS-Networks (2+0)

## Testclass I + II (B + C) IEC61643-11/EN61643-11

Technical data: max.permissable back-up fuse: 250A gG, max. continous rating voltage Uc = 275VAV, impulse current (10/350) Iimp 12,5 kA, max. discharge current (8/20) Imax: 50kA/pole, nominal discharge current (8/20) In 20kA/pole



IS211220-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 2+0, single phase, TNS, Class I+II (B+C) 275V, Iimp 12.5kA | | **IS211220-A** |
| Surge arrester, 2+0, single phase, TNS, Class I+II (B+C) 275V, Iimp 12.5kA+Aux | | **IS211221-A** |
| Surge arrester, 2+0, single phase, TNS, Class I+II (B+C) 280V, Iimp 12.5kA | | **IS210447** |

## Testclass II (C) IEC61643-11/EN61643-11

Technical data: max.permissable back-up fuse: 125A gL, max. continous rating voltage Uc = 280VAV, max. discharge current (8/20) Imax: 40kA/pole, nominal discharge current (8/20) In 20kA/pole



IS010447

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 2+0, single phase, TNS, Class II (C) 280V/20kA | | **IS010447** |
| Vartec Varistor module, Class II (C), 255V/15kA | | **IS010351** |
| Vartec Varistor module, Class II (C), 255V/20kA | | **IS010352** |
| Base 2+0, for surge arrester modul | | **IS010322** |
| Base 2+0, for surge arrester modul, with Aux | | **IS010323** |

# Lightning and Overvoltage Surge Arresters for TT-Networks (1+1)

## Testclass I + II (B + C) IEC61643-11/EN61643-11

Technical data: max.permissable back-up fuse: 250A gG, max. continous rating voltage Uc = 275VAV (L-N) / 255VAC (N-PE), impulse current (10/350) Iimp 12,5 kA (L-N) / 50kA (N-PE), max. discharge current (8/20) Imax: 50kA/pole (L-N) / 100kA (N-PE), nominal discharge current (8/20) In 20kA/pole (L-N) /50kA(N-PE)



IS211212-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 1+1, single phase, TT, Class I+II (B+C) 275V, Iimp 12.5kA | | **IS211212-A** |
| Surge arrester, 1+1, single phase, TT, Class I+II (B+C) 275V, Iimp 12.5kA+Aux | | **IS211213-A** |
| Surge arrester, 1+1, single phase, TT, Class I+II (B+C) 280V, Iimp 12.5kA | | **IS210450** |

## Testclass II (C) IEC61643-11/EN61643-11

Technical data: max.permissable back-up fuse: 125A gL, max. continous rating voltage Uc = 280VAV (L-N) / 260VAC (N-PE), max. discharge current (8/20) Imax: 40kA/pole, nominal discharge current (8/20) In 20kA/pole



IS010450

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 1+1, single phase, TT, Class II (C) 280V/20kA | | **IS010450** |
| Vartec Varistor module, Class II (C), 255V/15kA | | **IS010351** |
| Vartec Varistor module, Class II (C), 255V/20kA | | **IS010352** |
| Vartec Spark gap module, Class II (C), 255V/20kA | | **IS010350** |
| Base 1+1, for surge arrester modul | | **IS010320** |
| Base 1+1, for surge arrester modul, with Aux | | **IS010321** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

# Lightning and Overvoltage Surge Arresters for TNC-Networks (3+0)

## Testclass I + II (B + C) IEC61643-11/EN61643-11

Technical data: max. permissable back-up fuse: 250A gG. max. continuous rating voltage $U_C$ = 275VAC, impulse current (10/350) Iimp 25 kA, max. discharge current (8/20) Imax:100kA/pole, nominal discharge current (8/20) In 25 kA/pole



IS211330-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 3+0 TNC, Class I+II (B+C) 275V, Iimp 25kA | | **IS211330-A** |
| Surge arrester, 3+0 TNC, Class I+II (B+C) 275V, Iimp 25kA+Aux | | **IS211331-A** |

## Testclass I + II (B + C) IEC61643-11/EN61643-11

Technical data: max. permissable back-up fuse: 250A gG. max. continuous rating voltage $U_C$ = 275VAC, impulse current (10/350) Iimp 12,5 kA, max. discharge current (8/20) Imax: 50kA/pole, nominal discharge current (8/20) In 20 kA/pole



IS211230-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 3+0 TNC, Class I+II (B+C) 275V, Iimp 12.5kA | | **IS211230-A** |
| Surge arrester, 3+0 TNC, Class I+II (B+C) 275V, Iimp 12.5kA+Aux | | **IS211231-A** |
| Surge arrester, 3+0 TNC, Class I+II (B+C) 280V, Iimp 12.5kA | | **IS210448** |
| Busbar SPD + RCD 3-pole | | **IS050019** |

## Testclass I + II (B + C) IEC61643-11/EN61643-11, pluggable

Technical data: max. permissable back-up fuse: 250A gG, max. continuous rating voltage $U_C$ = 300VAC, impulse current (10/350) Iimp 12,5 kA, max. continuous rating voltage $U_C$ = 300VAC, impulse current (10/350) Iimp 12,5 kA,



IS211234-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester pluggable, 3+0 TNC, Class I+II (B+C) 300V, Iimp 12.5kA | | **IS211234-A** |
| Surge arrester pluggable, 3+0 TNC, Class I+II (B+C) 300V, Iimp 12.5kA+Aux | | **IS211235-A** |
| Surge arrester pluggable, 3+0 TNC, Class I+II(B/C)275V,Iimp12,5kA+Aux | | **IS221231** |
| Busbar SPD + RCD 3-pole | | **IS050019** |

## Testclass II ( C) IEC61643-11/EN61643-11, pluggable

Technical data: max. permissable back-up fuse: 125A gG, max. continuous rating voltage $U_C$ = 255VAC, max. discharge current (8/20) Imax: 40kA, nominal discharge current (8/20) In 20 kA



IS111330

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 3+0 TNC, Class II (C) 255V/20kA | | **IS111330** |
| Surge arrester, 3+0 TNC, Class II (C) 255V/20kA+Aux | | **IS111331** |
| Surge arrester, 3+0 TNC, Class II (C) 280V/20kA | | **IS010448** |
| Surge arrester module, Class II (C), 255V/15kA | | **IS010351** |
| Surge arrester module, Class II (C), 255V/20kA | | **IS010352** |
| Base 3+0, for surge arrester modul | | **IS010330** |
| Base 3+0, for surge arrester modul, with Aux | | **IS010331** |

# Lightning and Overvoltage Surge Arresters for TNS-Networks (4+0)

## Testclass I + II (B + C) IEC61643-11/EN61643-11

Technical data: max. permissable back-up fuse: 250A gG, max. continuous rating voltage $U_C$ = 275VAC, impulse current (10/350) Iimp 25 kA, max. discharge current (8/20) Imax:100kA/pole, nominal discharge current (8/20) In 25 kA/pole



IS211340-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 4+0 TNS, Class I+II (B+C) 275V, Iimp 25kA | | **IS211340-A** |
| Surge arrester, 4+0 TNS, Class I+II (B+C) 275V, Iimp 25kA+Aux | | **IS211341-A** |

## Testclass I + II (B + C) IEC61643-11/EN61643-11

Technical data: max. permissable back-up fuse: 250A gG, max. continuous rating voltage $U_C$ = 275VAC, impulse current (10/350) Iimp 12,5 kA, max. discharge current (8/20) Imax: 50kA/pole, nominal discharge current (8/20) In 20 kA/pole



IS211240-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 4+0 TNS, Class I+II (B+C) 275V, Iimp 12.5kA | | **IS211240-A** |
| Surge arrester, 4+0 TNS, Class I+II (B+C) 275V, Iimp 12.5kA+Aux | | **IS211241-A** |
| Surge arrester, 4+0 TNS, Class I+II (B+C) 280V, Iimp 12.5kA | | IS210449 |
| Busbar SPD + RCD 4-pole | | **IS050020** |

## Testclass I + II (B + C) IEC61643-11/EN61643-11, pluggable

Technical data: max. permissable back-up fuse: 250A gG, max. continuous rating voltage $U_C$ = 300VAC, impulse current (10/350) Iimp 12,5 kA, max. discharge current (8/20) Imax: 50kA/pole, nominal discharge current (8/20) In 20 kA/pole



IS211244-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester pluggable, 4+0 TNS, Class I+II (B+C) 300V, Iimp 12.5kA | | **IS211244-A** |
| Surge arrester pluggable, 4+0 TNS, Class I+II (B+C) 300V, Iimp 12.5kA+Aux | | **IS211245-A** |
| Busbar SPD + RCD 4-pole | | **IS050020** |

## Testclass II ( C) IEC61643-11/EN61643-11, pluggable

Technical data: max. permissable back-up fuse: 125A gG, max. continuous rating voltage $U_C$ = 255VAC, max. discharge current (8/20) Imax: 40kA, nominal discharge current (8/20) In 20 kA



IS111340

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 4+0 TNS, Class II (C) 255V/20kA | | **IS111340** |
| Surge arrester, 4+0 TNS, Class II (C) 255V/20kA+Aux | | **IS111341** |
| Surge arrester, 4+0 TNS, Class II (C) 280V/20kA | | **IS010449** |
| Vartec Varistormodule, Class II (C), 255V/15kA | | **IS010351** |
| Vartec Varistormodule, Class II (C), 255V/20kA | | **IS010352** |
| Base 4+0, for surge arrester modul | | **IS010342** |
| Base 4+0, for surge arrester modul, with Aux | | **IS010343** |

# Lightning and Overvoltage Surge Arresters for TT-Networks (3+1)

## Testclass I + II (B + C) IEC61643-11/EN61643-11

Technical data: max. permissable back-up fuse: 250A gG, max. continuous rating voltage $U_C$ = 275VAC, impulse current (10/350) Iimp 25kA (L-N) / 100kA (N-PE), max. discharge current (8/20) Imax:100kA (L-N) / 100kA (N-PE), nominal discharge current (8/20) In 25kA (L-N) / 100kA (N-PE)



IS211311-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 3+1 TT, Class I+II (B+C) 275V, Iimp 25kA+Aux | | **IS211311-A** |

## Testclass I + II (B + C) IEC61643-11/EN61643-11

Technical data: max. permissable back-up fuse: 250A gG, max. continuous rating voltage $U_C$ = 275VAC, impulse current (10/350) Iimp 12,5kA (L-N) / 50kA (N-PE), max. discharge current (8/20) Imax: 50kA (L-N) / 100kA (N-PE), nominal discharge current (8/20) In 20kA (L-N) / 50kA (N-PE)



IS211210-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 3+1 TT, Class I+II (B+C) 275V, Iimp 12.5kA | | **IS211210-A** |
| Surge arrester, 3+1 TT, Class I+II (B+C) 275V, Iimp 12.5kA+Aux | | **IS211211-A** |
| Surge arrester, 3+1 TT, Class I+II (B+C) 280V, Iimp 12.5kA | | **IS210459** |
| Busbar SPD + RCD 4-pole | | **IS050020** |

## Testclass I + II (B + C) IEC61643-11/EN61643-11, pluggable

Technical data: max. permissable back-up fuse: 250A gG, max. continuous rating voltage $U_C$ = 300Vac (L-N) / 305Vac (N-PE), impulse current (10/350) Iimp 12,5kA (L-N) / 50kA (N-PE), max. discharge current (8/20) Imax: 50kA (L-N) / 100kA (N-PE), nominal discharge current (8/20) In 12,5kA (L-N) / 50kA (N-PE)



IS211214-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester pluggable, 3+1 TT, Class I+II (B+C) 300V, Iimp 12.5kA | | **IS211214-A** |
| Surge arrester pluggable, 3+1 TT, Class I+II (B+C) 300V, Iimp 12.5kA+Aux | | **IS211215-A** |
| Surge arrester 3+1 TT, Class I+II (B/C) 275V,Iimp 12,5kA+Aux | | **IS221211** |
| Busbar SPD + RCD 4-pole | | **IS050020** |

## Testclass II ( C) IEC61643-11/EN61643-11

Technical data: max. permissable back-up fuse: 125A gG, max. continuous rating voltage $U_C$ = 255VAC, max. discharge current (8/20) Imax: 40kA, nominal discharge current (8/20) In 20 kA



IS111310

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Surge arrester, 3+1 TT, Class II (C) 255V/20kA | | **IS111310** |
| Surge arrester, 3+1 TT, Class II (C) 255V/20kA+Aux | | **IS111311** |
| Surge arrester, 3+1 TT, Class II (C) 280V/20kA | | **IS010459** |
| Vartec Varistor module, Class II (C), 255V/15kA | | **IS010351** |
| Vartec Varistor module, Class II (C), 255V/20kA | | **IS010352** |
| Vartec Spark gap module, Class II (C), 255V/20kA | | **IS010350** |
| Base 3+1, for surge arrester modul | | **IS010340** |
| Base 3+1, for surge arrester modul, with Aux | | **IS010341** |

# Lightning and Overvoltage Surge Arresters for Photovoltaic Applications

## Testclass I + II (B + C) IEC61643-11/EN61643-11

Technical data: max. permissable back-up fuse: 250A gG, max. continuous rating voltage $U_C$ = 550VDC or 1000VDC, impulse current (10/350) Iimp 12,5kA, max. discharge current (8/20) Imax: 40kA, nominal discharge current (8/20) In 20kA



IS011110

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| PV surge arrester, Class 1+2 (B+C) 550Vdc, 12,5kA | | **IS011150** |
| PV surge arrester, Class 1+2 (B+C) 550Vdc, 12,5kA+Aux | | **IS011151** |
| PV surge arrester, Class 1+2 (B+C) 1000Vdc, 12,5kA | | **IS011110** |
| PV surge arrester, Class 1+2 (B+C) 1000Vdc, 12,5kA+Aux | | **IS011111** |

## Testclass II (C) IEC61643-11/EN61643-11, pluggable

Technical data: max. permissable back-up fuse: 125A gG, max. continuous rating voltage $U_C$ = 1100VDC or 1500VDC, max. discharge current (8/20) Imax: 40kA, nominal discharge current (8/20) In 20kA



IS01111101

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| PV surge arrester, Class 1+2 (B+C) 1100Vdc, 12,5kA+Aux | | **IS01111101** |
| PV surge protection Class 2 (C) 1100Vdc, 20kA+Aux | | **IS01121101** |
| PV surge arrester, Class 1+2 (B+C) 1500Vdc, 10,0kA+Aux | | **IS01111501** |
| PV surge arrestern Class 2 (C) 1500Vdc, 20kA +Aux | | **IS01121501** |

## Testclass II (C) IEC61643-11/EN61643-11, pluggable

Technical data: max. permissable back-up fuse: 125A gG, max. continuous rating voltage $U_C$ = 600VDC or 1000VDC, max. discharge current (8/20) Imax: 40kA, nominal discharge current (8/20) In 20kA



IS011250-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| PV surge arrester Class 2 (C) 550Vdc, 20kA | | **IS011250-A** |
| PV surge arrester Class 2 (C) 550Vdc, 20kA +Aux | | **IS011251-A** |
| PV surge arrester Class 2 (C) 1000Vdc, 20kA | | **IS011210-A** |
| PV surge arrester Class 2 (C) 1000Vdc, 20kA +Aux | | **IS011211-A** |

# Fine Protection Elements for Energy, Data and Control Technology

## Fine Protection Arrester (T3) for Supply Lines



IS010201



IS010460



IS010003

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Series Vartec (T3)** | | |
| Overvoltage protection module Class D, 1TE, L+N, 3kA, 275V, VMG | | **IS010200** |
| Base for VMG / VEPG, 1TE, L+N | | **IS010201** |
| Base for VMG / VEPG, 1TE, L+N, +RC | | **IS010202** |
| **Series UAS (T3)** | | |
| Surge arrester complete, 1+1, 280V - Series UAS | | **IS010460** |
| Surge arrester complete, 2p, 280V - Series UAS | | **IS010461** |
| Surgearrester module GG 280V - Series UAS | | IS010462 |
| Surgearrester module VV 280V - Series UAS | | IS010463 |
| **Socket Outlet (German Socket, type F) Module T3** | | |
| Surge Arrester Class D, for plug socket, 3kA, 16A | | **IS010003** |
| Adapter: Socket Outlet-Final Device, Class III (D) 230V | | **IS211450** |
| Flush socket-outlet w. surge arrestor screw conn. pw F/S/R | | EL215130 |
| Flush socket-outlet w. surge arrestor screw conn. cl.w F/S/R | | EL215134 |

## Fine Protection Arrester (T3) for Control Systems



IS212424



IS212430

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Protection of Bus Lines (T3)** | | |
| Data Arrester for Category 6 LAN Networks, PoE | | **IS212080** |
| Arrester for Control Wires, max. 5VDC/1A, Class 3 (D) | | **IS212405** |
| Data Arrester for ADSL/ISDN and Analogue Telephone (TAE/DSL) | | **IS212085** |
| Arrester for Control Wires, max. 24VDC/1A, Class 3 (D) | | **IS212424** |
| Arrester for Control Wires, max. 30VDC/1A, Class 3 (D) | | **IS212430** |
| Data Arrester for KNX Systems | | **IS212075** |

## Fine Protection Arrester (T3) for Data Transfer



IS210424

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Protection of Coaxial Lines (T3)** | | |
| Data Arrester for Coaxial Cable with F Connector | | **IS210424** |
| Data Arrester for Coaxial Cable with BNC Connector | | **IS210425** |
| Data Arrester for Coaxial Cable with F Connector | | **IS212070** |

## Domestic Consumer Unit Enclosures "Amparo" Solid Wall



## Domestic Consumer Unit Enclosures "Amparo" Partition Wall



## Media Enclosures "Amparo" Solid Wall



## Media Enclosures "Amparo" Partition Wall



## Domestic Consumer Unit Enclosures Wall-Mounted



## Distribution Boxes Wall-Mounted IP65



✓ All items in stock
✓ Attractive prices
✓ Fast delivery

Be clever
Buy Schrack

# Consumer Distribution Boards

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## Consumer Distribution Boards series "Amparo"

### For Solid and Dry Walls, with Sheet Steel Door, RAL 9003, halogen free



BK0850022



BK0850522

| DESCRIPTION | W x H x D (mm) | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Complete Distribution solid wall** | | | |
| 1-row, 12 / 14 MW, complete | 346 x 317 x 96 | | **BK0850012** |
| 2-ows, 24 / 28 MW, complete | 346 x 442 x 96 | | **BK0850022** |
| 3-rows, 36 / 42 MW, complete | 346 x 592 x 96 | | **BK0850032** |
| 4-rows, 48 / 56 MW, complete | 346 x 717 x 96 | | **BK0850042** |
| 5-rows, 60 / 70 MW, complete | 346 x 842 x 96 | | **BK0850052** |
| **Complete Distribution partition wall (also suitable for solid wall)** | | | |
| 1-row, 12 / 14 MW, complete | 346 x 317 x 96 | | **BK0850512** |
| 2-rows, 24 / 28 MW, complete | 346 x 442 x 96 | | **BK0850522** |
| 3-rows, 36 / 42 MW, complete | 346 x 592 x 96 | | **BK0850532** |
| 4-rows, 48 / 56 MW, complete | 346 x 717 x 96 | | **BK0850542** |
| 5-rows , 60 / 70 MW, complete | 346 x 842 x 96 | | **BK0850552** |

## Media Enclosures series "Amparo"

### For Solid and Dry Walls, with Sheet Steel Door, RAL 9003, halogen free



BK085733



BK085703-F



BK071055



BK085094

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Media Enclosures for solid wall** | | |
| Media Enclosure MW 3-rows complete | | **BK085733** |
| Media Enclosure MW 4-rows complete | | **BK085734** |
| **Media Enclosures for partition wall** | | |
| Media Enclosure MW 3-rows complete | | **BK085743** |
| Media Enclosure MW 4-rows complete | | **BK085744** |
| **Frame, door and insert (without wall box)** | | |
| Frame, door and insert for Media Enclosure 3-rows | | **BK085703-F** |
| Frame, door and insert for Media Enclosure 4-rows | | **BK085704-F** |
| **Wall box for solid wall** | | |
| Wall box for brick wall 3-rows | | **BK0850032A** |
| Wall box for brick wall 4-rows | | **BK0850042A** |
| **Wall box for partition wall (also suitable for solid wall)** | | |
| Wall box for partition wall 3-rows | | **BK0850532A** |
| Wall box for partition wall 4-rows | | **BK0850542A** |
| **Accessories** | | |
| Socket set for media enclosure, plug-in design | | **BK071055** |
| Device holder set for media enclosure | | **BK085094** |
| Connection bracket set horizontal (PU = 2 pcs.) | | **BK085098** |
| Connection bracket set vertical (PU = 2 pcs.) | | **BK085095** |
| Half cylinder lock for BK085, metal | | **BK085097** |
| Depth rail media distribution board | | **BK085099** |

## Consumer Distribution Boards Wall-Mounted, without Sheet Steel Door, RAL9010



BK003122



BK003102

| DESCRIPTION | W x H x D (mm) | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Enclosures** | | | |
| 1-row, 12MW without door | 300 x 245 x 106 | | **BK003121** |
| 2-rows, 24MW without door | 300 x 370 x 106 | | **BK003122** |
| 3-rows, 36MW without door | 300 x 495 x 106 | | **BK003123** |
| 4-rows, 48MW without door | 300 x 620 x 106 | | **BK003124** |
| **Sheet steel door** | | | |
| Sheet steel door for BK003021 | | | **BK003101** |
| Sheet steel door for BK003022 | | | **BK003102** |
| Sheet steel door for BK003023 | | | **BK003103** |
| Sheet steel door for BK003024 | | | **BK003104** |
| Door lock for BK003101-104 | | | **BK003105** |

## Consumer Distribution Boards series TOPO IP40



BK080102



BK080152

| DESCRIPTION | W x H x D (mm) | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Wall-Mounted with transparent door** | | | |
| 1-row, 8 MW | 215 x 236 x 102 | | **BK080100** |
| 1-row, 12 MW | 287 x 236 x 112 | | **BK080101** |
| 1-row, 18 MW | 396 x 236 x 112 | | **BK080104** |
| 2-rows, 24 MW | 287 x 361 x 112 | | **BK080102** |
| 2-rows, 36 MW | 396 x 361 x 112 | | **BK080106** |
| 3-rows, 36 MW | 287 x 526 x 112 | | **BK080103** |
| 4-rows, 48 MW | 287 x 652 x 112 | | **BK080105** |
| 3-rows, 54 MW | 396 x 526 x 112 | | **BK080107** |
| **Wall-Mounted with white door** | | | |
| 1-row, 8 MW | 215 x 236 x 102 | | **BK080150** |
| 1-row, 12 MW | 287 x 236 x 112 | | **BK080151** |
| 1-row, 18 MW | 396 x 236 x 112 | | **BK080154** |
| 2-rows, 24 MW | 287 x 361 x 112 | | **BK080152** |
| 2-rows, 36 MW | 396 x 361 x 112 | | **BK080156** |
| 3-rows, 36 MW | 287 x 526 x 112 | | **BK080153** |
| 4-rows, 48 MW | 287 x 652 x 112 | | **BK080155** |
| 3-rows, 54 MW | 396 x 526 x 112 | | **BK080157** |

## Consumer Distribution Boards series Lemesos



BK080122

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Wall-Mounted with transparent door** | | |
| 22 MW | | BK080122 |
| **Wall-Mounted with white door** | | |
| 22 MW | | BK080112 |

## Consumer Distribution Boards Wall-Mounted IP65



BK080203

| DESCRIPTION | W x H x D (mm) | AVAILABLE | ORDER NO. |
|---|---|---|---|
| 4 MW - 1-row with transparent door | 127 x 200 x 120 | | **BK080200** |
| 8 MW - 1-row with transparent door | 200 x 200 x 120 | | **BK080201** |
| 12 MW - 1-row with transparent door | 318 x 258 x 142 | | **BK080202** |
| 24 MW - 2-rows with transparent door | 318 x 383 x 142 | | **BK080203** |
| 36 MW - 3-rows with transparent doo | 318 x 507 x 142 | | **BK080204** |

**Order no. blue:** on stock, usually ready for delivery on the day of order

## D0 switch fuses ARROW S




## D0 switch disconnectors TYTAN T




## D0-fuse switch-disconnector-socket TYTAN II up to 63A




## Fuse loadbreaker-disconnector 10 x 38mm




## NH (HRC) fuse loadbreak-disconnectors size 2 (400A), for surface mounting, series ARROW BLUE



## D0 Neozed fuse equipment



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Fuse Material

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# Fuse Material

## D0 Fuse Material Series SCHRACK

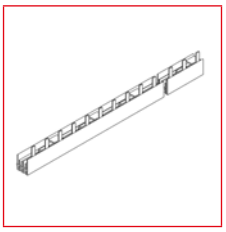
### D0 Fuse Switch Disconnector TYTAN I up to 16A



IS503001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TYTAN / 1-pole | | **IS503001** |
| TYTAN / 2-pole | | IS503002 |
| TYTAN / 3-pole | | IS503003 |

### Busbar for TYTAN I, MW = 16mm



BS900120

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Busbar Pin Version 3-pole, 57MW, 10mm² | 505,00 | | **BS900120** |
| Busbar end-cap 2/3-pole | | | **BS900116** |

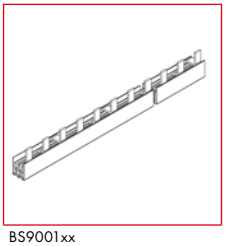
### D0 Fuse Switch Disconnector ARROW S up to 63A



IS503763

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Switch-disconnector D02, series ARROW S, 1-pole, 16A | 30,00 | | **IS503701** |
| Switch-disconnector D02, series ARROW S, 1-pole, 25A | 30,00 | | **IS503703** |
| Switch-disconnector D02, series ARROW S, 1-pole, 63A | 30,00 | | **IS503705** |
| Switch-disconnector D02, series ARROW S, 3-pole, 16A | 90,00 | | **IS503716** |
| Switch-disconnector D02, series ARROW S, 3-pole, 20A | 90,00 | | **IS503720** |
| Switch-disconnector D02, series ARROW S, 3-pole, 25A | 90,00 | | **IS503725** |
| Switch-disconnector D02, series ARROW S, 3-pole, 35A | 90,00 | | **IS503735** |
| Switch-disconnector D02, series ARROW S, 3-pole, 50A | 90,00 | | **IS503750** |
| Switch-disconnector D02, series ARROW S, 3-pole, 63A | 90,00 | | **IS503763** |

### Busbar for ARROW S



BS9001xx

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| ARROW S Busbar Pin Version 35mm², MW=27mm, 3-pole, 1m | 1,86 | | **BS900147** |
| End-cap for ARROW S - Busbar BS900147 | | | **BS900189** |

### D0 Fuse Switch Disconnector-socket TYTAN II up to 63A



IS504702-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 1-pole | | **IS504700-A** |
| 2-pole | | **IS504701-A** |
| 3-pole | | **IS504702-A** |
| 3-pole, fixed adjust, 25A | | **IS509325** |
| 3-pole, fixed adjust, 35A | | **IS509335** |
| 3-pole, fixed adjust, 50A | | **IS509350** |
| 1-pole + N | | **IS504703-A** |
| 3-pole + N | | **IS504704-A** |
| 3-polig with PEN-terminal | | **IS504730** |

## Fuse Plug for TYTAN II



IS504716-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 2A, pink, D01 | | IS504710-A |
| 4A, brown, D01 | | IS504711-A |
| 6A, green, D01 | | IS504712-A |
| 10A, red, D01 | | IS504713-A |
| 16A, grey, D01 | | IS504714-A |
| 20A, blue, D02 | | IS504715-A |
| 25A, yellow, D02 | | IS504716-A |
| 32A, purple, D02 | | IS504726 |
| 35A, black, D02 | | IS504717-A |
| 40A, violet, D02 | | IS504740 |
| 50A, white, D02 | | IS504718-A |
| 63A, copper, D02 | | IS504719-A |

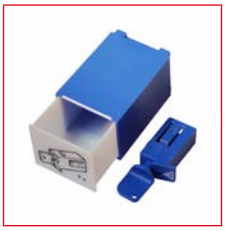
## D0 Fuse Switch Disconnector TYTAN II complete up to 63A


IS5047PL25

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TYTAN 3-pole, complete 20A, without flashing indicator | | IS5047PL20 |
| TYTAN 3-pole, complete 25A, without flashing indicator | | IS5047PL25 |
| TYTAN 3-pole, complete 35A, without flashing indicator | | IS5047PL35 |
| TYTAN 1-pole, fixed adjust, complete, 40A, with flashing indicator | | IS509340 |
| TYTAN 3-pole, complete 50A, without flashing indicator | | IS5047PL50 |
| TYTAN 3-pole, complete 63A, without flashing indicator | | IS5047PL63 |
| TYTAN 1-pole, fixed adjust, complete, 25A, with flashing indicator | | IS504729 |

## Accessories for TYTAN II


IS504722


IS504721



BS900143

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Connection bridge for TYTAN | | | IS504725 |
| Empty box TYTAN2300 | | | IS504741 |
| Locking part with plastic lock for TYTAN | | | IS504721 |
| Double terminal 3 x 2 x 35mm for TYTAN and Coron | | | IS504722 |
| TYTAN - terminal 95mm² | | | IS504724 |
| Connection Terminal 50mm², Pin 20x9mm Straight | | | BS900179 |
| Busbar Pin Version 1-pole, 16mm² / MW=27mm for D0-fuse-devices, 1m | 320,00 | | BS900133 |
| Busbar Pin Version 3-pole, 16mm² / MW=27mm for D0-fuse-devices, 1m | 780,00 | | BS900134 |
| Busbar end-cap 2/3-pole | | | BS900116 |
| TYTAN-Busbar Pin Version 30mm² / MW=27mm, 3-pole, 1m | 1670,00 | | BS900143 |
| TYTAN-Busbar Pin Version 30mm² / MW=27mm, 4-pole, 1m | 2450,00 | | BS900144 |
| Busbar End Cap 3/4P 30mm², for BS900143 and BS900144 | | | BS900187 |

# Fuse Material

## D0 Fuse Switch Disconnector TYTAN T


IS503030

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| TYTAN T, 3-pole | | | **IS503030** |
| TYTAN T, 3-pole with remote control | | | IS503031 |
| TYTAN T, 3 + N | | | **IS503040** |
| TYTAN T, 3 + N with aux. contact | | | IS503041 |
| Adapter-ring D02 to D01 | | | **ISF90299** |
| TYTAN T, Busbar C-version 16mm² / MW=18mm, 3-pole, 1m | 980,00 | | **BS900145** |
| Busbar end-cap 2/3-pole | | | **BS900116** |
| C-Busbar 4-pole, L1/L2/L3/N, 56MW, 16mm² | 1205,00 | | **BS990122** |
| Busbar end-cap 4-pole | | | **BS900117** |

## D0 Fuse Switch Disconnector for Emergency Power Supply TYTAN T4P


IS503042

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TYTAN T4P, 20A, 3 + N, with fixed sleeves and fuses | | **IS503043** |
| TYTAN T4P, 25A, 3 + N, with fixed sleeves and fuses | | **IS503044** |
| TYTAN T4P, 35A, 3 + N, with fixed sleeves and fuses | | **IS503045** |
| TYTAN T4P, 50A, 3 + N, with fixed sleeves and fuses | | **IS503046** |
| TYTAN T4P, 63A, 3 + N | | **IS503042** |

## D0 Fuse Switch Disconnector CORON 2


IS503103

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| 1-pole | | | **IS503101** |
| 3-pole | | | **IS503103** |
| 3-pole, 20A with adjusting sleeve | | | IS503320 |
| 3-pole, 25A with adjusting sleeve | | | **IS503325** |
| 3-pole, 35A with adjusting sleeve | | | **IS503335** |
| 3-pole+N | | | **IS503108** |
| Reduction for CORON 2 , D01 into D02 | | | **IS503105** |
| Busbar Pin Version 3-pole, 16mm² / MW=27mm for D0-fuse-devices, 1m | 780,00 | | **BS900134** |
| Busbar end-cap 2/3-pole | | | **BS900116** |
| TYTAN-Busbar Pin Version 30mm² / MW=27mm, 3-pole, 1m | 1670,00 | | **BS900143** |
| Busbar End Cap 3/4P 30mm², for BS900143 and BS900144 | | | **BS900187** |

## D0 Fuse Switch Disconnector ARROW ON


ISF53000

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| ARROW ON, D0-load fuse breaker 1-pole | | ISF53000 |
| ARROW ON, D0-Fuse Switch disconnector 10A fixed | | **ISF53010** |
| Servicebox with 12 fuses D02 / 40A | | **ISF54040** |
| Adapter-ring D02 to D01 | | **ISF90299** |

## D0 Fuse Switch Disconnector TYTAN T with Fuse Monitoring



IS503038

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TYTAN TH1, 3-pole with monitoring | | IS503038 |
| TYTAN TH1, 3+N with monitoring | | IS503039 |
| TYTANHR12-relays summary-module-monitoring 2 C/O, 5A, 250VAC | | IS504871 |
| TYTANHR11-relays single-module-monitoring 2 C/O, 5A, 250VAC | | IS504870 |
| TYTANHC-Patchcord RJ10 15 cm | | IS504873 |
| TYTANHC-Patchcord RJ10, 100 cm | | IS504877 |

## D0 Fuse Switch Disconnector-socket TYTAN II with Super Short Circuit Protection



IS504705

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 3-pole | | IS504707 |
| 1-pole + N | | IS504708 |
| 2-pole | | **IS504706** |
| 1-pole | | **IS504705** |
| 3-pole + N | | IS504709 |

## Accessories for D0 Fuse Material



ISF90299

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Locking part with lock for TYTAN | | IS504720 |
| Retaining spring for SI310060, D02 | | **IS504140** |
| Adapter-ring D02 to D01 | | **ISF90299** |
| Set Screw key, D01 - D03 | | IS504550 |

## D0 Fuse Links and Gauge Rings

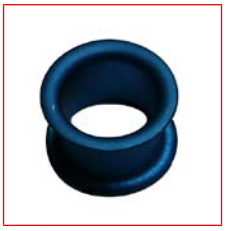
### D0 Fuse Links



IS504036

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 2A, pink, D01 | | **IS504030** |
| 4A, brown, D01 | | **IS504031** |
| 6A, green, D01 | | **IS504032** |
| 10A, red, D01 | | **IS504033** |
| 16A, grey, D01 | | **IS504034** |
| 20A, blue, D02 | | **IS504035** |
| 25A, yellow, D02 | | **IS504036** |
| 35A, black, D02 | | **IS504037** |
| 50A, white, D02 | | **IS504038** |
| 63A, copper, D02 | | **IS504039** |
| Servicebox with 12 fuses D02 / 40A | | **ISF54040** |
| D0-Dummy for TYTAN R and Coron R | | IS504899 |
| Servicebox with 12 fuses D02 / 32A | | ISF54032 |

### D0 Gauge Rings



IS504134

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 2A, pink, D01 | | **IS504130** |
| 4A, brown, D01 | | **IS504131** |
| 6A, green, D01 | | **IS504132** |
| 10A, red, D01 | | **IS504133** |
| 2A, pink, D02 - D01 in D02 | | **IS504141** |
| 4A, brown, D02 - D01 in D02 | | **IS504142** |
| 6A, green D02 - D01 in D02 | | **IS504143** |
| 10A, red, D02 - D01 in D02 | | **IS504144** |
| 16A, grey, D02 - D01 in D02 | | **IS504145** |
| 20A, blue, D02 | | **IS504134** |
| 25A, yellow, D02 | | **IS504135** |
| 35A, black, D02 | | **IS504136** |
| 50A, white, D02 | | **IS504137** |

# Cylindrical Fuses Series SCHRACK

## Fuse Load Breaker Disconnector 10 x 38mm



IS506103

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 1-pole, 10 x 38, 32A gG | | **IS506101** |
| 1-pole + N, 10 x 38, 32A gG | | **IS506104** |
| 2-pole, 10 x 38, 32A gG | | **IS506102** |
| 3-pole, 10 x 38, 32A gG | | **IS506103** |
| 3-pole + N, 10 x 38, 32A gG | | **IS506105** |
| 1-pole, 10 x 38, 32A gG, with LED | | IS506106 |
| 3-pole, 10 x 38, 32A gG, with LED | | IS506109 |

## Fuse Carrier 10 x 38mm for Photovoltaic



IS506122

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| PV 1pole, 10 x 38 | | **IS506121** |
| PV 1-pole, 10 x 38 | | **IS506121-A** |
| PV 2-pole, 10 x 38 | | **IS506122-A** |

## Fuse Load Breaker Disconnector 14 x 51mm



IS506143

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 1-pole, 14 x 51, 50A gG | | **IS506141** |
| 2-pole, 14 x 51, 50A gG | | **IS506142** |
| 3-pole, 14 x 51, 50A gG | | **IS506143** |
| 3-pole+N, 14 x 51, 50A gG | | **IS506145** |
| 3-pole, 14 x 51, 50A gG, with LED | | IS506149 |

## Fuse Load Breaker Disconnector 22 x 58mm



IS506223

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 1-pole, 22 x 58, 100A gG | | **IS506221** |
| 2-pole, 22 x 58, 100A gG | | **IS506222** |
| 3-pole, 22 x 58, 100A gG | | **IS506223** |
| 3-pole+N, 22 x 58, 100A gG | | **IS506225** |
| 3-pole with LED ,22 x 58 | | IS506230 |

## Cylindrical Fuse Links

### Cylindrical Fuse link 8 x 31 mm charcteristic gG



ISZ08012

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 1A, 400V, gG, 8x31 | | ISZ08001 |
| 2A, 400V, gG, 8x31 | | ISZ08002 |
| 4A, 400V, gG, 8x31 | | ISZ08004 |
| 6A, 400V, gG, 8x31 | | **ISZ08006** |
| 8A, 400V, gG, 8x31 | | **ISZ08008** |
| 10A, 400V, gG, 8x31 | | **ISZ08010** |
| 12A, 400V, gG, 8x31 | | ISZ08012 |
| 16A, 400V, gG, 8x31 | | **ISZ08016** |
| 20A, 400V, gG, 8x31 | | **ISZ08020** |
| 25A, 400V, gG, 8x31 | | **ISZ08025** |

### Cylindrical Fuse link 10 x 38 mm Characteristic gG



ISZ100005

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 0,5A, 500V, gG, 10x38 | | **ISZ100005** |
| 1A, 500V, gG, 10x38 | | **ISZ10001** |
| 2A, 500V, gG, 10x38 | | **ISZ10002** |
| 4A, 500V, gG, 10x38 | | **ISZ10004** |
| 6A, 500V, gG, 10x38 | | **ISZ10006** |
| 8A, 500V, gG, 10x38 | | **ISZ10008** |
| 10A, 500V, gG, 10x38 | | **ISZ10010** |
| 12A, 500V, gG, 10x38 | | **ISZ10012** |
| 16A, 500V, gG, 10x38 | | **ISZ10016** |
| 16A, 500V, gG, 10 x 38 | | SI311860 |
| 20A, 500V, gG, 10x38 | | **ISZ10020** |
| 25A, 500V, gG, 10x38 | | **ISZ10025** |
| 32A, 400V, gG, 10x38 | | **ISZ10032** |

### Cylindrical Fuse link 14 x51 mm Characteristic gG



ISZ14002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 2A, 690V, gG, 14x51 | | **ISZ14002** |
| 4A, 690V, gG, 14x51 | | ISZ14004 |
| 6A, 690V, gG, 14x51 | | **ISZ14006** |
| 8A, 690V, gG, 14x51 | | **ISZ14008** |
| 10A, 690V, gG, 14x51 | | **ISZ14010** |
| 16A, 690V, gG, 14x51 | | **ISZ14016** |
| 20A, 690V, gG, 14x51 | | **ISZ14020** |
| 25A, 690V, gG, 14x51 | | **ISZ14025** |
| 32A, 690V, gG, 14x51 | | **ISZ14032** |
| 40A, 500V, gG, 14x51 | | **ISZ14040** |
| 50A, 500V, gG, 14x51 | | **ISZ14050** |

## Cylindrical Fuse link 22 x 58 mm Characteristic gG



ISZ22016

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 16A, 690V, gG, 22x58 | | **ISZ22016** |
| 20A, 690V, gG, 22x58 | | **ISZ22020** |
| 25A, 690V, gG, 22x58 | | **ISZ22025** |
| 32A, 690V, gG, 22x58 | | **ISZ22032** |
| 40A, 690V, gG, 22x58 | | **ISZ22040** |
| 50A, 500V, gG, 22x58 | | **ISZ22050** |
| 63A, 500V, gG, 22x58 | | **ISZ22063** |
| 80A, 500V, gG, 22x58 | | **ISZ22080** |
| 100A, 500V, gG, 22x58 | | **ISZ22100** |
| 125A, 400V, gG, 22x58 | | **ISZ22125** |

## Cylindrical Fuse link 10 x 38mm for Photovoltaic 900V Characteristic gR




ISV10910

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 6A, 900V, gR, 10x38 | | ISV10906 |
| 10A, 900V, gR, 10x38 | | ISV10910 |
| 12A, 900V, gR, 10x38 | | ISV10912 |
| 15A, 900V, gR, 10x38 | | **ISV10915** |
| 20A, 900V, gR, 10x38 | | ISV10920 |

## Cylindrical Fuse link 10 x 38mm for Photovoltaic 1000V Characteristic gPV



ISV10016

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 4A, 1000V, gPV, 10x38 | | ISV10004 |
| 6A, 1000V, gPV, 10x38 | | ISV10006 |
| 8A, 1000V, gPV, 10x38 | | **ISV10008** |
| 10A, 1000V, gPV, 10x38 | | **ISV10010** |
| 12A, 1000V, gPV, 10x38 | | **ISV10012** |
| 16A, 1000V, gPV, 10x38 | | **ISV10016** |
| 20A, 1000V, gPV, 10x38 | | **ISV10020** |

## NH Fuse Material Series ARROW

### NH (HRC) fuse loadbreak-disconnectors size 00 (160A), for surface mounting, series ARROW BLUE



ISA05221-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Size 00, 3-pole, 160A, M8 | | **ISA05222-A** |
| Size 00, 3-pole, 160A, clamp | | **ISA05221-A** |
| Single clamp strap for size 00 | | **ISA05300** |
| Prism clamp 1.5 - 70mm² for size 00 | | **ISA05335** |

### NH (HRC) fuse switch size 1 (250A), for surface mounting, series ARROW BLUE



ISA05226-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| | | **ISA05226-A** |

### NH (HRC) fuse loadbreak-disconnectors size 2 (400A), for surface mounting, series ARROW BLUE



ISA05250-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Size 2, 3-pole, 400A, M10 | | **ISA05250-A** |

# Accessories for NH (HRC) Material

## NH (HRC) - fuse links, size 000 and 00




ISP00063

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **400V-AC** | | |
| 4A / 400V-AC | | ISP00004 |
| 6A / 400V-AC | | **ISP00006** |
| 10A / 400V-AC | | **ISP00010** |
| 16A / 400V-AC | | **ISP00016** |
| 20A / 400V-AC | | **ISP00020** |
| 25A / 400V-AC | | **ISP00025** |
| 32A / 400V-AC | | **ISP00032** |
| 35A / 400V-AC | | **ISP00035** |
| 40A / 400V-AC | | **ISP00040** |
| 50A / 400V-AC | | **ISP00050** |
| 63A / 400V-AC | | **ISP00063** |
| 80A / 400V-AC | | **ISP00080** |
| 100A / 400V-AC | | **ISP00100** |
| 125A / 400V-AC | | **ISP00125** |
| 160A / 400V-AC | | **ISP00160** |
| 100A / 400V-AC, with front-indicator | | **IS505410** |
| 125A / 400V-AC, with front-indicator | | IS505411 |
| **500V-AC** | | |
| 125A / 500V-AC | | **SI035330** |
| 160A / 500V-AC | | **SI035340** |
| Fuse 000 gG/gL 500V AC 63A | | SI035300 |
| Fuse 000 gG/gL 500V AC 100A | | SI035320 |
| **690V-AC** | | |
| 50A / 690V-AC | | SI039160 |
| 63A / 690V-AC | | **SI039170** |
| 80A / 690V-AC | | SI039180 |
| 100A / 690V-AC | | SI039190 |



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## NH (HRC) - fuse links, size 1



ISP01035

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **400V-AC** | | |
| 35A / 400V-AC | | **ISP01035** |
| 50A / 400V-AC | | **ISP01050** |
| 63A / 400V-AC | | **ISP01063** |
| 80A / 400V-AC | | **ISP01080** |
| 100A / 400V-AC | | **ISP01100** |
| 125A / 400V-AC | | **ISP01125** |
| 160A / 400V-AC | | **ISP01160** |
| 200A / 400V-AC | | **ISP01200** |
| 224A / 400V-AC | | **ISP01224** |
| 250A / 400V-AC | | **ISP01250** |
| **690V-AC** | | |
| 160A / 690V-AC | | SI039290 |
| 200A / 690V-AC | | SI039300 |

## NH (HRC) - fuse links, size 2



ISP02035

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **400V-AC** | | |
| 35A / 400V-AC | | **ISP02035** |
| 50A / 400V-AC | | ISP02050 |
| 63A / 400V-AC | | **ISP02063** |
| 80A / 400V-AC | | **ISP02080** |
| 100A / 400V-AC | | **ISP02100** |
| 125A / 400V-AC | | **ISP02125** |
| 160A / 400V-AC | | **ISP02160** |
| 200A / 400V-AC | | **ISP02200** |
| 225A / 400V-AC | | **ISP02225** |
| 250A / 400V-AC | | **ISP02250** |
| 315A / 400V-AC | | **ISP02315** |
| 350A / 400V-AC | | **ISP02350** |
| 400A / 400V-AC | | **ISP02400** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## NH (HRC) - fuse links, size 3



ISP03400

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **400V-AC** | | |
| 200A / 400V-AC | | ISP03200 |
| 250A / 400V-AC | | **ISP03250** |
| 315A / 400V-AC | | **ISP03315** |
| 400A / 400V-AC | | **ISP03400** |
| 500A / 400V-AC | | **ISP03500** |
| 630A / 400V-AC | | **ISP03630** |
| Fuse element with special knife 800A / 400V-AC | | ISP04800 |

## Contactors Series CUBICO Mini




## Thermal Overload Relays Series CUBICO




## Motor Protection Circuit Breaker Series CUBICO




## Contactors Series ALEA II LT




## Star-Delta Contactor Combinations Series ALEA II LTY




## Motor Protection Switches Series BE5



✓ All items in stock
✓ Attractive prices
✓ Fast delivery

Be clever
Buy Schrack

# Contactors, Thermal Overload Relays and Motor Protection Switches

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# Electromechanical Contactors Series CUBICO

## Contactors Series CUBICO Mini, 3-pole



LZDM0613

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **6A** | | |
| 3-pole, 2,2kW, 6A, 1NO, 230VAC | | **LZDM0613** |
| 3-pole, 2,2kW, 6A, 1NC, 230VAC | | **LZDM0623** |
| 3-pole, 2,2kW, 6A, 1NO, 24VAC | | **LZDM0610** |
| 3-pole, 2,2kW, 6A, 1NC, 24VAC | | **LZDM0620** |
| 3-pole, 2,2kW, 6A, 1NO, 24VDC | | **LZDM0615** |
| 3-pole, 2,2kW, 6A, 1NC, 24VDC | | **LZDM0625** |
| **9A** | | |
| 3-pole, 4kW, 9A, 1NO, 230VAC | | **LZDM0913** |
| 3-pole, 4kW, 9A, 1NC, 230VAC | | **LZDM0923** |
| 3-pole, 4kW, 9A, 1NO, 24VAC | | **LZDM0910** |
| 3-pole, 4kW, 9A, 1NC, 24VAC | | **LZDM0920** |
| 3-pole, 4kW, 9A, 1NO, 24VDC | | **LZDM0915** |
| 3-pole, 4kW, 9A, 1NC, 24VDC | | **LZDM0925** |
| **12A** | | |
| 3-pole, 5,5kW, 12A, 1NO, 230VAC | | **LZDM1213** |
| 3-pole, 5,5kW, 12A, 1NC, 230VAC | | **LZDM1223** |
| 3-pole, 5,5kW, 12A, 1NO, 24VAC | | **LZDM1210** |
| 3-pole, 5,5kW, 12A, 1NC, 24VAC | | **LZDM1220** |
| 3-pole, 5,5kW, 12A, 1NO, 24VDC | | **LZDM1215** |
| 3-pole, 5,5kW, 12A, 1NC, 24VDC | | **LZDM1225** |

## Accessories Series CUBICO Mini




LZZMH022



LZZMV024

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Auxiliary Contacts** | | |
| Auxiliary contact front-type for CUBICO Mini, 2S+2Ö | | **LZZMH022** |
| **Surge Suppressors** | | |
| Varistor Mini 24 - 48 V AC/DC | | **LZZMV024** |
| Varistor Mini 110 - 250 V AC | | **LZZMV230** |

## Contactors series CUBICO Classic, 3-pole



LZDC09B3

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **4kW / 9A** | | |
| 3-pole, 4kW, 9A, 1NO+1NC, 230VAC | | **LZDC09B3** |
| 3-pole, 4kW, 9A, 1NO+1NC, 24VAC | | **LZDC09B0** |
| 3-pole, 4kW, 9A, 1NO+1NC, 24VDC | | **LZDC09B5** |
| **5,5kW / 12A** | | |
| 3-pole, 5,5kW, 12A, 1NO+1NC, 230VAC | | **LZDC12B3** |
| 3-pole, 5,5kW, 12A, 1NO+1NC, 24VAC | | **LZDC12B0** |
| 3-pole, 5.5kW, 12A, 1NO+1NC, 24VDC | | **LZDC12B5** |
| **7,5kW / 18A** | | |
| 3-pole, 7,5kW, 18A, 1NO+1NC, 230VAC | | **LZDC18B3** |
| 3-pole, 7,5kW, 18A, 1NO+1NC, 24VAC | | **LZDC18B0** |
| 3-pole, 7.5kW, 18A, 1NO+1NC, 24VDC | | **LZDC18B5** |
| **11kW / 25A** | | |
| 3-pole, 11kW, 25A, 1NO+1NC, 230VAC | | **LZDC25B3** |
| 3-pole, 11kW, 25A, 1NO+1NC, 24VAC | | **LZDC25B0** |
| **15kW / 32A** | | |
| 3-pole, 15kW, 32A, 1NO+1NC, 230VAC | | **LZDC32B3** |
| 3-pole, 15kW, 32A, 1NO+1NC, 24VAC | | **LZDC32B0** |
| **18,5kW / 38A** | | |
| 3-pole, 18,5kW, 38A, 1NO+1NC, 230VAC | | **LZDC38B3** |
| 3-pole, 18,5kW, 38A, 1NO+1NC, 24VAC | | **LZDC38B0** |

## Accessories Series CUBICO Classic



LZZCH031



LZZCL001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Auxiliary Contact Block** | | |
| Auxiliary contact front-type for CUBICO Classic and High, 3NO+1NC | | **LZZCH031** |
| Auxiliary contact front-type for CUBICO Classic and High, 2NO+2NC | | **LZZCH022** |
| Auxiliary contact front-type for CUBICO Classic and High, 2NO | | **LZZCH020** |
| Auxiliary contact front-type for CUBICO Classic and High, 2NC | | **LZZCH002** |
| Auxiliary contact front-type for CUBICO Classic and High, 1NO+1NC | | **LZZCH011** |
| **Auxiliary Contact Block - Side** | | |
| Auxiliary contact side-type for CUBICO Classic and High, 1NO+1NC | | **LZZCH711** |
| **Mechanical Interlock** | | |
| Mechanical interlock for CUBICO Classic | | **LZZCL001** |
| **Surge Suppressors** | | |
| Varistor Classic 24 - 48 V AC/DC | | **LZZCV024** |
| Varistor Classic 110 - 250 V AC | | **LZZCV230** |

## Contactors Series CUBICO High, 3-pole



LZDH40B3



LZDH80B3

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **18,5kW / 40A** | | |
| 3-pole, 18,5kW, 40A, 1S+1Ö, 230VAC | | **LZDH40B3** |
| 3-pole, 18,5kW, 40A, 1S+1Ö, 24VAC | | **LZDH40B0** |
| **22kW / 50A** | | |
| 3-pole, 22kW, 50A, 1S+1Ö, 230VAC | | **LZDH50B3** |
| 3-pole, 22kW, 50A, 1S+1Ö, 24VAC | | **LZDH50B0** |
| **30kW / 65A** | | |
| 3-pole, 30kW, 65A, 1S+1Ö, 230VAC | | **LZDH65B3** |
| 3-pole, 30kW, 65A, 1S+1Ö, 24VAC | | **LZDH65B0** |
| **37kW / 80A** | | |
| 3-pole, 37kW, 80A, 1S+1Ö, 230VAC | | **LZDH80B3** |
| 3-pole, 37kW, 80A, 1S+1Ö, 24VAC | | **LZDH80B0** |
| **45kW / 100A** | | |
| 3-pole, 40kW, 100A, 1S+1Ö, 230VAC | | **LZDH99B3** |
| 3-pole, 40kW, 100A, 1S+1Ö, 24VAC | | **LZDH99B0** |

## Accessories Series CUBICO High



LZZCH031

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Auxiliary Contact Block** | | |
| Auxiliary contact front-type for CUBICO Classic and High, 3NO+1NC | | **LZZCH031** |
| Auxiliary contact front-type for CUBICO Classic and High, 2NO+2NC | | **LZZCH022** |
| Auxiliary contact front-type for CUBICO Classic and High, 2NO | | **LZZCH020** |
| Auxiliary contact front-type for CUBICO Classic and High, 2NC | | **LZZCH002** |
| Auxiliary contact front-type for CUBICO Classic and High, 1NO+1NC | | **LZZCH011** |
| **Auxiliary Contact Block - Side** | | |
| Auxiliary contact side-type for CUBICO Classic and High, 1NO+1NC | | **LZZCH711** |
| **Mechanical Interlock** | | |
| Mechanische Verriegelung für CUBICO High | | **LZZHL001** |
| **Surge Suppressors** | | |
| Varistor High 24 - 48 V AC/DC | | **LZZHV024** |
| Varistor Maxi 110 - 250 V AC | | **LZZHV230** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Contactors Series CUBICO Grand, 3-pole



LZDG17B3

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **55kW / 115A** | | |
| 3-pole, 55kW, 115A, 1NO+1NC, 230VAC | | LZDG11B3 |
| **75kW / 150A** | | |
| 3-pole, 75kW, 150A, 1NO+1NC, 230VAC | | LZDG15B3 |
| **90kW / 170A** | | |
| 3-pole, 90kW, 170A, 1NO+1NC, 230VAC | | LZDG17B3 |
| **110kW / 205A** | | |
| 3-pole, 110W, 205A, 2NO+2NC, 230VAC | | LZDG20B3 |
| **132kW / 265A** | | |
| 3-pole, 132W, 265A, 2NO+2NC, 230VAC | | LZDG26B3 |
| **160kW / 300A** | | |
| 3-pole, 160W, 300A, 2NO+2NC, 230VAC | | LZDG30B3 |
| **200kW / 400A** | | |
| 3-pole, 200W, 400A, 2NO+2NC, 230VAC | | LZDG40B3 |
| **250kW / 500A** | | |
| 3-pole, 250W, 500A, 2NO+2NC, 230VAC | | LZDG50B3 |

## Accessories Series CUBICO Grand



LZZCH031

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Auxiliary Contact Block** | | |
| Auxiliary contact front-type for CUBICO Classic and High, 2NC | | LZZCH002 |
| Auxiliary contact front-type for CUBICO Classic and High, 1NO+1NC | | LZZCH011 |
| Auxiliary contact front-type for CUBICO Classic and High, 2NO | | LZZCH020 |
| Auxiliary contact front-type for CUBICO Classic and High, 2NO+2NC | | LZZCH022 |
| Auxiliary contact front-type for CUBICO Classic and High, 3NO+1NC | | LZZCH031 |
| **Auxiliary Contact Block - Side** | | |
| Auxiliary contact side-type for CUBICO Grand, 1NO+1NC | | LZZGH711 |
| **Mechanical Interlock** | | |
| Mechanical interlock for CUBICO Grand, type for 115 A to 170 A (LZDG10B3, LZDG15B3 und LZDG17B3) | | LZZGL001 |
| Mechanical interlock for CUBICO Grand, type for 115 A to 170 A (LZDG20B3, LZDG30B3,LZDG40B3 and LZDG50B3) | | LZZGL002 |

## Thermal Overload Relays Series CUBICO

### Thermal Overload Relays Series CUBICO Mini



LZTM0016

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Bimetal-version** | | |
| 0,1 - 0,16A | | **LZTM0016** |
| 0,16 - 0,25A | | **LZTM0025** |
| 0,25 - 0,40A | | **LZTM0040** |
| 0,4 - 0,63A | | **LZTM0063** |
| 0,63 - 1A | | **LZTM0100** |
| 1 - 1,6A | | **LZTM0160** |
| 1,6 - 2,5A | | **LZTM0250** |
| 2,5 - 4A | | **LZTM0400** |
| 4 - 6A | | **LZTM0600** |
| 5,5 - 8A | | **LZTM0800** |
| 7 - 10A | | **LZTM1000** |
| 9 - 13A | | **LZTM1300** |

### Thermal Overload Relays Series CUBICO Classic



LZTC0025

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Bimetal-version** | | |
| 0,16A - 0,25A | | LZTC0025 |
| 0,25 - 0,4A | | LZTC0040 |
| 0,4 - 0,63A | | LZTC0063 |
| 0,63 - 1A | | LZTC0100 |
| 1 - 1,6A | | LZTC0160 |
| 1,6 - 2,5A | | **LZTC0250** |
| 2,5 - 4A | | **LZTC0400** |
| 4 - 6A | | **LZTC0600** |
| 5,5 - 8A | | **LZTC0800** |
| 7 - 10A | | **LZTC1000** |
| 9 - 13A | | **LZTC1300** |
| 12 - 18A | | **LZTC1800** |
| 16 - 24A | | **LZTC2400** |
| 23 - 32A | | **LZTC3200** |
| 30 - 38A | | **LZTC3800** |

## Motor Protection Circuit Breaker Series CUBICO

### Motor Protection Circuit Breaker Series CUBICO Size 0



BE200400

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 0,16A - 0,25A | | BE200025 |
| 0,25 - 0,4A | | BE200040 |
| 0,4 - 0,63A | | BE200063 |
| 0,63 - 1A | | BE200100 |
| 1 - 1,6A | | BE200160 |
| 1,6 - 2,5A | | BE200250 |
| 2,5 - 4A | | BE200400 |
| 4 - 6,3A | | BE200630 |
| 6 - 10A | | BE201000 |
| 9 - 14A | | BE201400 |
| 13 - 18A | | BE201800 |
| 17 - 23A | | BE202300 |
| 20 - 25A | | BE202500 |
| 24 - 32A | | BE203200 |

### Accessories Motor Protection Circuit Breaker Series CUBICO



BE2ZAS11

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Auxiilary contact, side-mounting for BE2 | | BE2ZAS11 |
| Auxiilary contact, front-mounting for BE2 | | BE2ZAF11 |
| Auxiilary contact, side-mounting for BE2, 1 NO Fault, 1 NO operating position | | BE2ZTS20 |
| Auxiilary contact, side-mounting for BE2, 1 NC Fault, 1 NC operating position | | BE2ZTS02 |
| Undervoltage release unit for BE2 230VAC 50Hz | | BE2ZU230 |
| Shunt release unit for BE2 230VAC 50Hz | | BE2ZS230 |
| Enclosure for BE2P with membrane | | BE2ZBM00 |
| Enclosure for BE2P with emergency-off Push button | | BE2ZBE00 |

### Motor Protection Circuit Breaker Series CUBICO, 3-pole



BE212500

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 16 - 25A | | BE212500 |
| 25 - 40A | | BE214000 |
| 40 - 63A | | BE216300 |
| 56 - 80A | | BE218000 |

# Electromechanical Contactors Series LA

## Micro Auxiliary Contactors

3A AC-15, suitable for electronic circuits according IEC 60947-5-4 and for safety applications according IEC60335-1



LAMH0370

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **3A, 4-pole** | | | |
| AC-15/3A, 4NO, 24VAC | K0-04D40 | | **LAMH0370** |
| AC-15/3A, 4NO, 230VAC | K0-04D40 | | **LAMH0373** |
| AC-15/3A, 4NO, 24VDC | K0-04D40 | | **LAMH0375** |
| AC-15/3A, 3NO+1NC, 24VAC | K0-04D31 | | **LAMH0380** |
| AC-15/3A, 3NO+1NC, 230VAC | K0-04D31 | | **LAMH0383** |
| AC-15/3A, 3NO+1NC, 24VDC | K0-04D31 | | **LAMH0385** |
| AC-15/3A, 2NO+2NC, 24VAC | K0-04D22 | | **LAMH0390** |
| AC-15/3A, 2NO+2NC, 230VAC | K0-04D22 | | **LAMH0393** |
| AC-15/3A, 2NO+2NC, 24VDC | K0-04D22 | | **LAMH0395** |
| **Accessories** | | | |
| DIN-rail slotted, 1000x15x5mm | TS15 | | **LAMZTS15** |
| DIN-rail adaptor TS35 | TS35 | | **LAMZTS35** |

## Micro Contactors LA, Size M

3A AC-15, suitable for electronic circuits according IEC 60947-5-4 and for safety applications according IEC60335-1



LAMD0510

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **2.2kW - 3-pole** | | | |
| AC-3/5A, 3NO+1NO, 24VAC | K0-05D10 | | **LAMD0510** |
| AC-3/5A, 3NO+1NO, 230VAC | K0-05D10 | | **LAMD0513** |
| AC-3/5A, 3NO+1NO, 400VAC | K0-05D10 | | **LAMD0514** |
| AC-3/5A, 3NO+1NO, 24VDC | K0-05D10 | | **LAMD0515** |
| AC-3/5A, 3NO+1NC, 24VAC | K0-05D01 | | **LAMD0520** |
| AC-3/5A, 3NO+1NC, 230VAC | K0-05D01 | | **LAMD0523** |
| AC-3/5A, 3NO+1NC, 400VAC | K0-05D01 | | **LAMD0524** |
| AC-3/5A, 3NO+1NC, 24VDC | K0-05D01 | | **LAMD0525** |
| **2.2kW - 4-pole** | | | |
| AC-3/5A, 4NO, 24VAC | K0-05D00-40 | | **LAMD0540** |
| AC-3/5A, 4NO, 230VAC | K0-05D00-40 | | **LAMD0543** |
| AC-3/5A, 4NO, 400VAC | K0-05D00-40 | | **LAMD0544** |
| AC-3/5A, 4NO, 24VDC | K0-05D00-40 | | **LAMD0545** |
| **Accessories for contactors size M** | | | |
| DIN-rail slotted, 1000x15x5mm | TS15 | | **LAMZTS15** |
| DIN-rail adaptor TS35 | TS35 | | **LAMZTS35** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

# Capacitor Switching Contactors

## Capacitor Switching Contactors Series LA

fitted with early make contacts and damping resistors to reduce the value of the make current to < 70 x Ie



LA3K7433

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **12.5kVAr** | | | |
| 12.5kVAr 230VAC / 1 NO | K3-18NK10 | | **LA3K1813N** |
| 12.5kVAr 230VAC / 1 NC | K3-18NK01 | | **LA3K1823N** |
| **20kVAr** | | | |
| 20kVAr 230VAC | K3-24K00 | | **LA3K2433** |
| **25kVAr** | | | |
| 25kVAr 230VAC | K3-32K00 | | **LA3K3233** |
| **33.3kVAr** | | | |
| 33.3kVAr 230VAC | K3-50K00 | | **LA3K5033** |
| **50kVAr** | | | |
| 50kVAr 230VAC | K3-62K00 | | **LA3K6233** |
| **75kVAr** | | | |
| 75kVAr 230VAC | K3-74K00 | | **LA3K7433** |
| **80kVAr** | | | |
| 80kVAr 230VAC | K3-90K00 | | **LA3K9033** |
| **100kVAr** | | | |
| 100kVAr 230VAC | K3-115K00 | | LA3K1A33 |
| **Auxiliary contacts** | | | |
| front 1NO, 3A (230V AC-15) for LA2, LA3004-LA3115, LA4 | HN10 | | **LA190100** |
| front 1NC, 3A (230V AC-15) for LA2, LA3004-LA3115, LA4 | HN01 | | **LA190101** |
| lateral 1NO+1NC, 3A (230V AC-15) for K3-24 to K3-115 | HB11 | | **LA190134** |
| front 1NC, 6A (230V, AC-15) for K2, K3-07 to K3-115, K4 | HA01 | | **LA190135** |
| front 1NO, 6A (230V, AC-15) for K2, K3-07 to K3-115, K4 | HA10 | | **LA190137** |
| front 1early make NO, 3A (230V, AC-15) for K2, K3-07 to K3-115, K4 | HN10U | | **LA190138** |
| front 1delayed NC, 3A (230V, AC-15) for K2, K3-07 to K3-115, K4 | HN01U | | **LA190139** |

## Electromechanical Contactors Series ALEA II LT

### LTD Contactors for Switching Motors, 3-pole, Size 0



LTD00713

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 0 - Type LTD0 - 7A** | | |
| LTD contactor 3kW/400V, 1 NO, coil 24VAC, model size 0 | | **LTD00710** |
| LTD contactor 3kW/400V, 1 NC, coil 24VAC, model size 0 | | **LTD00720** |
| LTD contactor 3kW/400V, 1 NO, coil 110VAC, model size 0 | | **LTD00712** |
| LTD contactor 3kW/400V, 1 NC, coil 110VAC, model size 0 | | **LTD00722** |
| LTD contactor 3kW/400V, 1 NO, coil 230VAC, model size 0 | | **LTD00713** |
| LTD contactor 3kW/400V, 1 NC, coil 230VAC, model size 0 | | **LTD00723** |
| LTD contactor 3kW/400V, 1 NO, coil 24VDC, model size 0 | | **LTD00715** |
| LTD contactor 3kW/400V, 1 NC, coil 24VDC, model size 0 | | **LTD00725** |
| **Size 0 - Type LTD0 - 9A** | | |
| LTD contactor 4kW/400V, 1 NO, coil 24VAC, model size 0 | | **LTD00910** |
| LTD contactor 4kW/400V, 1 NC, coil 24VAC, model size 0 | | **LTD00920** |
| LTD contactor 4kW/400V, 1 NO, coil 110VAC, model size 0 | | **LTD00912** |
| LTD contactor 4kW/400V, 1 NC, coil 110VAC, model size 0 | | **LTD00922** |
| LTD contactor 4kW/400V, 1 NO, coil 230VAC, model size 0 | | **LTD00913** |
| LTD contactor 4kW/400V, 1 NC, coil 230VAC, model size 0 | | **LTD00923** |
| LTD contactor 4kW/400V, 1 NO, coil 24VDC, model size 0 | | **LTD00915** |
| LTD contactor 4kW/400V, 1 NC, coil 24VDC, model size 0 | | **LTD00925** |
| **Size 0 - Type LTD0 - 12A** | | |
| LTD contactor 5,5kW/400V, 1 NO, coil 24VAC, model size 0 | | **LTD01210** |
| LTD contactor 5,5kW/400V, 1 NC, coil 24VAC, model size 0 | | **LTD01220** |
| LTD contactor 5,5kW/400V, 1 NO, coil 110VAC, model size 0 | | **LTD01212** |
| LTD contactor 5,5kW/400V, 1 NC, coil 110VAC, model size 0 | | **LTD01222** |
| LTD contactor 5,5kW/400V, 1 NO, coil 230VAC, model size 0 | | **LTD01213** |
| LTD contactor 5,5kW/400V, 1 NC, coil 230VAC, model size 0 | | **LTD01223** |
| LTD contactor 5,5kW/400V, 1 NO, coil 24VDC, model size 0 | | **LTD01215** |
| LTD contactor 5,5kW/400V, 1 NC, coil 24VDC, model size 0 | | **LTD01225** |
| **Size 0 - Type LTD0 - 15A** | | |
| LTD contactor 7,5kW/400V, 1 NO, coil 24VAC, model size 0 | | **LTD01510** |
| LTD contactor 7,5kW/400V, 1 NC, coil 24VAC, model size 0 | | **LTD01520** |
| LTD contactor 7,5kW/400V, 1 NO, coil 110VAC, model size 0 | | **LTD01512** |
| LTD contactor 7,5kW/400V, 1 NC, coil 110VAC, model size 0 | | **LTD01522** |
| LTD contactor 7,5kW/400V, 1 NO, coil 230VAC, model size 0 | | **LTD01513** |
| LTD contactor 7,5kW/400V, 1 NC, coil 230VAC, model size 0 | | **LTD01523** |
| LTD contactor 7,5kW/400V, 1 NO, coil 24VDC, model size 0 | | **LTD01515** |
| LTD contactor 7,5kW/400V, 1 NC, coil 24VDC, model size 0 | | **LTD01525** |
| **Auxiliary Contacts Size 0** | | |
| Auxiliary contact for contacter size 0-1, 1 NO 1 NC, model size 0-1 | | **LTZ0D311** |
| Auxiliary contact for contacter size 0-1, 2 NC, model size 0-1 | | **LTZ0D302** |
| Auxiliary contact for contacter size 0-1, 2 NO 2 NC, model size 0-1 | | **LTZ0D222** |
| Auxiliary contact for contacter size 0-1, 3 NO 1 NC, model size 0-1 | | **LTZ0D231** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## LTD Contactors for Switching Motors, 3-pole, Size 1



LTD11713

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 1 - Type LTD1 - 17A** | | |
| LTD contactor 7,5kW/400V, 1 NO, coil 24VAC, model size 1 | | LTD11710 |
| LTD contactor 7,5kW/400V, 1 NC, coil 24VAC, model size 1 | | LTD11720 |
| LTD contactor 7,5kW/400V, 1 NO, coil 110VAC, model size 1 | | LTD11712 |
| LTD contactor 7,5kW/400V, 1 NC, coil 110VAC, model size 1 | | LTD11722 |
| LTD contactor 7,5kW/400V, 1 NO, coil 230VAC, model size 1 | | LTD11713 |
| LTD contactor 7,5kW/400V, 1 NC, coil 230VAC, model size 1 | | LTD11723 |
| LTD contactor 7,5kW/400V, 1 NO, coil 24VDC, model size 1 | | LTD11715 |
| LTD contactor 7,5kW/400V, 1 NC, coil 24VDC, model size 1 | | LTD11725 |
| **Size 1 - Type LTD1 - 25A** | | |
| LTD contactor 11kW/400V, 1 NO, coil 24VAC, model size 1 | | LTD12510 |
| LTD contactor 11kW/400V, 1 NC, coil 24VAC, model size 1 | | LTD12520 |
| LTD contactor 11kW/400V, 1 NO, coil 110VAC, model size 1 | | LTD12512 |
| LTD contactor 11kW/400V, 1 NC, coil 110VAC, model size 1 | | LTD12522 |
| LTD contactor 11kW/400V, 1 NO, coil 230VAC, model size 1 | | LTD12513 |
| LTD contactor 11kW/400V, 1 NC, coil 230VAC, model size 1 | | LTD12523 |
| LTD contactor 11kW/400V, 1 NO, coil 24VDC, model size 1 | | LTD12515 |
| LTD contactor 11kW/400V, 1 NC, coil 24VDC, model size 1 | | LTD12525 |
| **Size 1 - Type LTD1 - 32A** | | |
| LTD contactor 15kW/400V, 1 NO, coil 24VAC, model size 1 | | LTD13210 |
| LTD contactor 15kW/400V, 1 NC, coil 24VAC, model size 1 | | LTD13220 |
| LTD contactor 15kW/400V, 1 NO, coil 110VAC, model size 1 | | LTD13212 |
| LTD contactor 15kW/400V, 1 NC, coil 110VAC, model size 1 | | LTD13222 |
| LTD contactor 15kW/400V, 1 NO, coil 230VAC, model size 1 | | LTD13213 |
| LTD contactor 15kW/400V, 1 NC, coil 230VAC, model size 1 | | LTD13223 |
| LTD contactor 15kW/400V, 1 NO, coil 24VDC, model size 1 | | LTD13215 |
| LTD contactor 15kW/400V, 1 NC, coil 24VDC, model size 1 | | LTD13225 |
| **Size 1 - Type LTD1 - 38A** | | |
| LTD contactor 18,5kW/400V, 1 NO, coil 24VAC, model size 1 | | LTD13810 |
| LTD contactor 18,5kW/400V, 1 NC, coil 24VAC, model size 1 | | LTD13820 |
| LTD contactor 18,5kW/400V, 1 NO, coil 110VAC, model size 1 | | LTD13812 |
| LTD contactor 18,5kW/400V, 1 NC, coil 110VAC, model size 1 | | LTD13822 |
| LTD contactor 18,5kW/400V, 1 NO, coil 230VAC, model size 1 | | LTD13813 |
| LTD contactor 18,5kW/400V, 1 NC, coil 230VAC, model size 1 | | LTD13823 |
| LTD contactor 18,5kW/400V, 1 NO, coil 24VDC, model size 1 | | LTD13815 |
| LTD contactor 18,5kW/400V, 1 NC, coil 24VDC, model size 1 | | LTD13825 |
| **Auxiliary Contacts Size 1** | | |
| Auxiliary contact for contacter size 0-1, 1 NO 1 NC, model size 0-1 | | LTZ0D311 |
| Auxiliary contact for contacter size 0-1, 2 NC, model size 0-1 | | LTZ0D302 |
| Auxiliary contact for contacter size 0-1, 2 NO 2 NC, model size 0-1 | | LTZ0D222 |
| Auxiliary contact for contacter size 0-1, 3 NO 1 NC, model size 0-1 | | LTZ0D231 |

## LTD Contactors for Switching Motors, 3-pole, Size 2



LTD24032

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 2 - Type LTD2 - 40A** | | |
| LTD contactor 18,5kW/400V, coil 24VAC, model size 2 | | **LTD24030** |
| LTD contactor 18,5kW/400V, coil 110VAC, model size 2 | | **LTD24032** |
| LTD contactor 18,5kW/400V, coil 230VAC, model size 2 | | **LTD24033** |
| LTD contactor 18,5kW/400V, coil 24VDC, model size 2 | | **LTD24035** |
| **Size 2 - Type LTD2 - 50A** | | |
| LTD contactor 22kW/400V, coil 24VAC, model size 2 | | **LTD25030** |
| LTD contactor 22kW/400V, coil 110VAC, model size 2 | | **LTD25032** |
| LTD contactor 22kW/400V, coil 230VAC, model size 2 | | **LTD25033** |
| LTD contactor 22kW/400V, coil 24VDC, model size 2 | | **LTD25035** |
| **Size 2 - Type LTD2 - 65A** | | |
| LTD contactor 30kW/400V, coil 24VAC, model size 2 | | **LTD26530** |
| LTD contactor 30kW/400V, coil 110VAC, model size 2 | | **LTD26532** |
| LTD contactor 30kW/400V, coil 230VAC, model size 2 | | **LTD26533** |
| LTD contactor 30kW/400V, coil 24VDC, model size 2 | | **LTD26535** |
| **Size 2 - Type LTD2 - 72A** | | |
| LTD contactor 37kW/400V, coil 24VAC, model size 2 | | **LTD27230** |
| LTD contactor 37kW/400V, coil 110VAC, model size 2 | | **LTD27232** |
| LTD contactor 37kW/400V, coil 230VAC, model size 2 | | **LTD27233** |
| LTD contactor 37kW/400V, coil 24VDC, model size 2 | | **LTD27235** |
| **Auxiliary Contacts Size 2** | | |
| Auxiliary contact for contactors, 2 NO, model size 2-3 | | **LTZ3D420** |
| Auxiliary contact for contactors, 1 NO 1 NC, model size 2-3 | | **LTZ3D411** |
| Auxiliary contact for contactors, 2 NC, model size 2-3 | | **LTZ3D402** |
| Auxiliary contact for contactors, 4 NO, model size 2-3 | | **LTZ3D140** |
| Auxiliary contact for contactors, 3 NO 1 NC, model size 2-3 | | **LTZ3D131** |
| Auxiliary contact for contactors, 2 NO 2 NC, model size 2-3 | | **LTZ3D122** |
| Auxiliary contact for contactors, 1 NO 3 NC, model size 2-3 | | **LTZ3D113** |
| Auxiliary contact for contactors, 4 NC, model size 2-3 | | **LTZ3D104** |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 1. level, model size 2-4 | | **LTZ3D711** |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 2. level, model size 2-4 | | **LTZ3D811** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## LTD Contactors for Switching Motors, 3-pole, Size 3

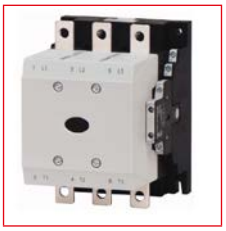


LTD39533

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 3 - Type LTD3 - 80A** | | |
| LTD contactor 37kW/400V, coil 24VAC, model size 3 | | **LTD38030** |
| LTD contactor 37kW/400V, coil 110VAC, model size 3 | | **LTD38032** |
| LTD contactor 37kW/400V, coil 230VAC, model size 3 | | **LTD38033** |
| LTD contactor 37kW/400V, coil 24VDC, model size 3 | | **LTD38035** |
| **Size 3 - Type LTD3 - 95A** | | |
| LTD contactor 45kW/400V, coil 24VAC, model size 3 | | **LTD39530** |
| LTD contactor 45kW/400V, coil 110VAC, model size 3 | | **LTD39532** |
| LTD contactor 45kW/400V, coil 230VAC, model size 3 | | **LTD39533** |
| LTD contactor 45kW/400V, coil 24VDC, model size 3 | | **LTD39535** |
| **Size 3 - Type LTD3 - 115A** | | |
| LTD contactor 55kW/400V, coil 24VAC, model size 3 | | **LTD31130** |
| LTD contactor 55kW/400V, coil 110VAC, model size 3 | | **LTD31132** |
| LTD contactor 55kW/400V, coil 230VAC, model size 3 | | **LTD31133** |
| LTD contactor 55kW/400V, coil 24VDC, model size 3 | | **LTD31135** |
| **Size 3 - Type LTD3 - 150A** | | |
| LTD contactor 75kW/400V, coil 24VAC, model size 3 | | **LTD31530** |
| LTD contactor 75kW/400V, coil 110VAC, model size 3 | | **LTD31532** |
| LTD contactor 75kW/400V, coil 230VAC, model size 3 | | **LTD31533** |
| LTD contactor 75kW/400V, coil 24VDC, model size 3 | | **LTD31535** |
| **Size 3 - Type LTD3 - 170A** | | |
| LTD contactor 90kW/400V, coil 24VAC, model size 3 | | **LTD31730** |
| LTD contactor 90kW/400V, coil 110VAC, model size 3 | | **LTD31732** |
| LTD contactor 90kW/400V, coil 230VAC, model size 3 | | **LTD31733** |
| LTD contactor 90kW/400V, coil 24VDC, model size 3 | | **LTD31735** |
| **Auxiliary Contacts Size 3** | | |
| Auxiliary contact for contactors, 2 NO, model size 2-3 | | **LTZ3D420** |
| Auxiliary contact for contactors, 1 NO 1 NC, model size 2-3 | | **LTZ3D411** |
| Auxiliary contact for contactors, 2 NC, model size 2-3 | | **LTZ3D402** |
| Auxiliary contact for contactors, 4 NO, model size 2-3 | | **LTZ3D140** |
| Auxiliary contact for contactors, 3 NO 1 NC, model size 2-3 | | **LTZ3D131** |
| Auxiliary contact for contactors, 2 NO 2 NC, model size 2-3 | | **LTZ3D122** |
| Auxiliary contact for contactors, 1 NO 3 NC, model size 2-3 | | **LTZ3D113** |
| Auxiliary contact for contactors, 4 NC, model size 2-3 | | **LTZ3D104** |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 1. level, model size 2-4 | | **LTZ3D711** |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 2. level, model size 2-4 | | **LTZ3D811** |

# Contactors, Thermal Overload Relays and Motor Protection Switches

## LTD Contactors for Switching Motors, 3-pole, Size 4


LTD41953

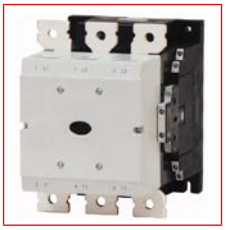
| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 4 - Type LTD4 - 185A** | | |
| LTD contactor 90kW/400V, 2 NO + 2 NC, coil 230VAC, model size 4 | | **LTD41953** |
| **Size 4 - Type LTD4 - 225A** | | |
| LTD contactor 110kW/400V, 2 NO + 2 NC, coil 230VAC, model size 4 | | **LTD42353** |
| **Auxiliary Contacts Size 4** | | |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 1. level, model size 2-4 | | **LTZ3D711** |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 2. level, model size 2-4 | | **LTZ3D811** |

## LTD Contactors for Switching Motors, 3-pole, Size 5


LTD53153

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 5 - Type LTD5 - 250A** | | |
| LTD contactor 132kW/400V, 2 NO + 2 NC, coil 230VAC, model size 5 | | **LTD52553** |
| **Size 5 - Type LTD5 - 300A** | | |
| LTD contactor 160kW/400V, 2 NO + 2 NC, coil 230VAC, model size 5 | | **LTD53153** |
| **Auxiliary Contacts Size 5** | | |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 1. level, model size 5-6 | | **LTZ5D711** |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 2. level, model size 5-6 | | **LTZ5D811** |

## LTD Contactors for Switching Motors, 3-pole, Size 6


LTD64153

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 6 - Type LTD6 - 400A** | | |
| LTD contactor 200kW/400V, 2 NO + 2 NC, coil 230VAC, model size 6 | | **LTD64153** |
| **Size 6 - Type LTD6 - 500A** | | |
| LTD contactor 250kW/400V, 2 NO + 2 NC, coil 230VAC, model size 6 | | **LTD65153** |
| **Auxiliary Contacts Size 6** | | |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 1. level, model size 5-6 | | **LTZ5D711** |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 2. level, model size 5-6 | | **LTZ5D811** |

## LTR Contactors 4-pole, for Switching Resistive Loads AC-1, Size 0 / 1 / 2 / 3



LTR02045

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 0 - Type LTR0 up to 20A** | | |
| LTR Contactors 20A/AC-1, coil 230VAC, model size 0 | | LTR02043 |
| LTR Contactors 20A/AC-1, coil 24VDC, model size 0 | | LTR02045 |
| **Auxiliary Contacts for LTR0 Contactors** | | |
| Auxiliary contact for contacter size 0-1, 2 NO 2 NC, model size 0-1 | | LTZ0D222 |
| Auxiliary contact for contacter size 0-1, 3 NO 1 NC, model size 0-1 | | LTZ0D231 |
| Auxiliary contact for contacter size 0-1, 2 NC, model size 0-1 | | LTZ0D302 |
| Auxiliary contact for contacter size 0-1, 1 NO 1 NC, model size 0-1 | | LTZ0D311 |
| **Size 1 - Type LTR1 up to 40A** | | |
| LTR Contactors 32A/AC-1, coil 230VAC + 1 NC, model size 1 | | LTR13243 |
| LTR Contactors 45A/AC-1, coil 230VAC + 1 NC, model size 1 | | LTR14543 |
| **Auxiliary Contacts for LTR1 Contactors** | | |
| Auxiliary contact for contacter size 0-1, 2 NO 2 NC, model size 0-1 | | LTZ0D222 |
| Auxiliary contact for contacter size 0-1, 3 NO 1 NC, model size 0-1 | | LTZ0D231 |
| Auxiliary contact for contacter size 0-1, 2 NC, model size 0-1 | | LTZ0D302 |
| Auxiliary contact for contacter size 0-1, 1 NO 1 NC, model size 0-1 | | LTZ0D311 |
| **Size 2 - Type LTR2 up to 80A** | | |
| LTR Contactors 63A/AC-1, coil 230VAC, model size 2 | | LTR26343 |
| LTR Contactors 80A/AC-1, coil 230VAC, model size 2 | | LTR28043 |
| **Auxiliary Contacts for LTR2 Contactors** | | |
| Auxiliary contact for contactors, 4 NC, model size 2-3 | | LTZ3D104 |
| Auxiliary contact for contactors, 1 NO 3 NC, model size 2-3 | | LTZ3D113 |
| Auxiliary contact for contactors, 2 NO 2 NC, model size 2-3 | | LTZ3D122 |
| Auxiliary contact for contactors, 3 NO 1 NC, model size 2-3 | | LTZ3D131 |
| Auxiliary contact for contactors, 4 NO, model size 2-3 | | LTZ3D140 |
| Auxiliary contact for contactors, 2 NC, model size 2-3 | | LTZ3D402 |
| Auxiliary contact for contactors, 1 NO 1 NC, model size 2-3 | | LTZ3D411 |
| Auxiliary contact for contactors, 2 NO, model size 2-3 | | LTZ3D420 |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 1. level, model size 2-4 | | LTZ3D711 |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 2. level, model size 2-4 | | LTZ3D811 |
| **Size 3 - Type LTR3 up to 200A** | | |
| LTR Contactors 125A/AC-1, coil 230VAC, model size 3 | | LTR31143 |
| LTR Contactors 160A/AC-1, coil 230VAC, model size 3 | | LTR31543 |
| LTR Contactors 200A/AC-1, coil 230VAC, model size 3 | | LTR32143 |
| **Auxiliary Contacts for LTR3 Contactors** | | |
| Auxiliary contact for contactors, 4 NC, model size 2-3 | | LTZ3D104 |
| Auxiliary contact for contactors, 1 NO 3 NC, model size 2-3 | | LTZ3D113 |
| Auxiliary contact for contactors, 2 NO 2 NC, model size 2-3 | | LTZ3D122 |
| Auxiliary contact for contactors, 3 NO 1 NC, model size 2-3 | | LTZ3D131 |
| Auxiliary contact for contactors, 4 NO, model size 2-3 | | LTZ3D140 |
| Auxiliary contact for contactors, 2 NC, model size 2-3 | | LTZ3D402 |
| Auxiliary contact for contactors, 1 NO 1 NC, model size 2-3 | | LTZ3D411 |
| Auxiliary contact for contactors, 2 NO, model size 2-3 | | LTZ3D420 |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 1. level, model size 2-4 | | LTZ3D711 |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 2. level, model size 2-4 | | LTZ3D811 |

# Contactors, Thermal Overload Relays and Motor Protection Switches

## LTK Capacitor Switching Contactors, Size 1 - 2



LTK250B3

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 1 up to 25kVAr** | | |
| Capacitor switching Contactor 12,5 kVAr, 1 NO + 1 NC, coil 230VAC, model size 1 | | LTK112B3 |
| Capacitor switching Contactor 20 kVAr, 1 NO + 1 NC, coil 230VAC, model size 1 | | LTK120B3 |
| Capacitor switching Contactor 25 kVAr, 1 NO + 1 NC, coil 230VAC, model size 1 | | LTK125B3 |
| **Size 2 up to 50kVAr** | | |
| Capacitor switching Contactor 33,3 kVAr, 1 NO, coil 230VAC, model size 2 | | LTK233B3 |
| Capacitor switching Contactor 50 kVAr, 1 NO, coil 230VAC, model size 2 | | LTK250B3 |

## LTH0 Auxiliary Contactors 4-pole, Size 0



LTH00473

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 0 - Type LTH0** | | |
| Auxiliary Contactor, 4 NO, coil 24VAC, model size 0 | | LTH00470 |
| Auxiliary Contactor, 4 NO, coil 230VAC, model size 0 | | LTH00473 |
| Auxiliary Contactor, 4 NO, coil 24VDC, model size 0 | | LTH00475 |
| Auxiliary Contactor, 3 NO + 1 NC, coil 24VAC, model size 0 | | LTH00480 |
| Auxiliary Contactor, 3 NO + 1 NC, coil 230VAC, model size 0 | | LTH00483 |
| Auxiliary Contactor, 3 NO + 1 NC, coil 24VDC, model size 0 | | LTH00485 |
| Auxiliary Contactor, 2 NO + 2 NC, coil 24VAC, model size 0 | | LTH00490 |
| Auxiliary Contactor, 2 NO + 2 NC, coil 230VAC, model size 0 | | LTH00493 |
| Auxiliary Contactor, 2 NO + 2 NC, coil 24VDC, model size 0 | | LTH00495 |
| **Auxiliary Contacts for LTR0 Contactors** | | |
| Auxiliary contact for aux.contacter, 2 NO + 2 NC , 1 NO + 1 NC with microswitch, model size 0 | | LTZ0H322 |
| Auxiliary contact for aux.contacter, 2 NC, model size 0 | | LTZ0H502 |
| Auxiliary contact for aux.contacter, 4 NC, model size 0 | | LTZ0H504 |
| Auxiliary contact for aux.contacter, 1 NO 1 NC, model size 0 | | LTZ0H511 |
| Auxiliary contact for aux.contacter, 1 NO 3 NC, model size 0 | | LTZ0H513 |
| Auxiliary contact for aux.contacter, 2 NO, model size 0 | | LTZ0H520 |
| Auxiliary contact for aux.contacter, 2 NO 2 NC, model size 0 | | LTZ0H522 |
| Auxiliary contact for aux.contacter, 3 NO 1 NC, model size 0 | | LTZ0H531 |
| Auxiliary contact for aux.contacter, 4 NO, model size 0 | | LTZ0H540 |
| Auxiliary contact for aux.contacter, 1 NO 1 NC delayed, model size 0 | | LTZ0H911 |

## Frontmounted Auxiliary Contacts, Size 0 - 3



LTZ3D113

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Auxiliary contact for contacter size 0-1, 2 NO 2 NC, model size 0-1 | | LTZ0D222 |
| Auxiliary contact for contacter size 0-1, 3 NO 1 NC, model size 0-1 | | LTZ0D231 |
| Auxiliary contact for contacter size 0-1, 2 NC, model size 0-1 | | LTZ0D302 |
| Auxiliary contact for contacter size 0-1, 1 NO 1 NC, model size 0-1 | | LTZ0D311 |
| Auxiliary contact for contactors, 4 NC, model size 2-3 | | LTZ3D104 |
| Auxiliary contact for contactors, 1 NO 3 NC, model size 2-3 | | LTZ3D113 |
| Auxiliary contact for contactors, 2 NO 2 NC, model size 2-3 | | LTZ3D122 |
| Auxiliary contact for contactors, 3 NO 1 NC, model size 2-3 | | LTZ3D131 |
| Auxiliary contact for contactors, 4 NO, model size 2-3 | | LTZ3D140 |
| Auxiliary contact for contactors, 2 NC, model size 2-3 | | LTZ3D402 |
| Auxiliary contact for contactors, 1 NO 1 NC, model size 2-3 | | LTZ3D411 |
| Auxiliary contact for contactors, 2 NO, model size 2-3 | | LTZ3D420 |

## Sidemounted Auxiliary Contacts, Size 2 - 6



LTZ3D711

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 1. level, model size 2-4 | | LTZ3D711 |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 2. level, model size 2-4 | | LTZ3D811 |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 1. level, model size 5-6 | | LTZ5D711 |
| Auxiliary contact for contactors, 1 NO 1 NC, lateral 2. level, model size 5-6 | | LTZ5D811 |

## Star-Delta Timer



LTZ0YT11

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Star-delta timing relay | | LTZ0YT11 |

## Connection Link for Motor Protection Switches and Contactors



LTZ10006

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Connector for contactors, MSS BE5, size 0 | | LTZ00005 |
| Connector for contactors, MSS BE5, size 1 | | LTZ10006 |

## Surge Supressors, Size 0



LTZ00001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| RC-suppressor for contactors, 110-240VAC, size 0 | | LTZ00001 |
| Varistor-suppressor for contactors, 24-48VAC, size 0 | | LTZ00002 |
| Varistor-suppressor for contactors, 48-130VAC, size 0 | | LTZ00003 |
| Varistor-suppressor for contactors, 130-240VAC, size 0 | | LTZ00004 |

## Surge Supressors, Size 1



LTZ10001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| RC-suppressor für for contactors, 110-240VAC, model size 1 | | LTZ10001 |
| Varistor-suppressor for contactors, 24-48VAC, model size 1 | | LTZ10002 |
| Varistor-suppressor for contactors, 48-130VAC, model size 1 | | LTZ10003 |
| Varistor-suppressor for contactors, 130-240VAC, model size 1 | | LTZ10004 |

## Surge Supressors, Size 2 - 3



LTZ30001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| RC-suppressor for contactors, 110-240VAC, model size 2-3 | | LTZ30001 |
| Varistor-suppressor for contactors, 24-48VAC, model size 2-3 | | LTZ30002 |
| Varistor-suppressor for contactors, 48-130VAC, model size 2-3 | | LTZ30003 |
| Varistor-suppressor for contactors, 130-240VAC, model size 2-3 | | LTZ30004 |

## Terminal Covers, Size 4 - 6


LTZ40001


LTZ50001


LTZ60001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Terminal shroud for contactors, model size 4 for connection lugs, 1 piece | | **LTZ40001** |
| Terminal shroud for contactors, model size 5 | | **LTZ50001** |
| Terminal shroud for contactors, model size 6 | | **LTZ60001** |

## Terminal Block, Size 4 - 5


LTZ40002


LTZ50002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Cable terminal block for contactors, model size 4 | | **LTZ40002** |
| Cable terminal block for contactors, model size 5 | | **LTZ50002** |

## Reversing Contactor Combinations Series ALEA II LTW

### Reversing Contactor Combinations LTW, Size 0



LTW007B3

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 0, up to 4kW** | | |
| Reversing Contactors Combination, 3kW/400V, coil 230VAC, model size 00 | | **LTW007B3** |
| Reversing Contactors Combination, 4kW/400V, coil 230VAC, model size 00 | | **LTW009B3** |

### Mechanical Interlock for Contactors, Size 0 - 6



LTZ0W001



LTZ1W001



LTZ3W001



LTZ4W001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Mechanical interlock for contactors, model size 0 | | **LTZ0W001** |
| Mechanical interlock for contactors, model size 1 | | **LTZ1W001** |
| Mechanical interlock for contactors, model size 2 | | **LTZ2W001** |
| Mechanical interlock for contactors, model size 3 | | **LTZ3W001** |
| Mechanical interlock for contactors, model size 4-6 | | **LTZ4W001** |

### Wiring Sets for Reversing Contactor Combinations, Size 0 - 2



LTZ0W002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Reversing wiring set for contactors, model size 0 | | **LTZ0W002** |
| Reversing wiring set for contactors, model size 1 | | **LTZ1W002** |
| Reversing wiring set for contactors, model size 2 | | **LTZ2W002** |

## Connection Clips for Contactors, Size 0 - 3



LTZ10005



LTZ30005

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Connector for contactors, model size 0-2 | | **LTZ10005** |
| Connector for contactors, model size 3 | | **LTZ30005** |

## Star-Delta Contactor Combinations Series ALEA II LTY

### Star-Delta Contactor Combinations LTY, Size 0 - 1



LTY01233

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Size 0, up to 11kW** | | |
| Star-Delta Contactor Combination, 5,5kW/400V, coil 230VAC, model size 0 | | LTY01233 |
| Star-Delta Contactor Combination, 7,5kW/400V, coil 230VAC, model size 0 | | LTY01633 |
| Star-Delta Contactor Combination, 11kW/400V, coil 230VAC, model size 0 | | LTY02233 |
| **Size 1, up to 22kW** | | |
| Star-Delta Contactor Combination, 15kW/400V, coil 230VAC, model size 1 | | LTY13033 |
| Star-Delta Contactor Combination, 22kW/400V, coil 230VAC, model size 1 | | LTY14533 |

### Parallel Connectors (Star Jumper), Size 0 - 2



LTZ0Y001



LTZ1Y001



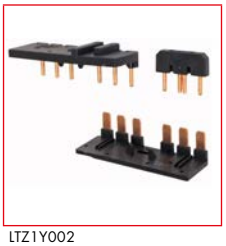
LTZ2Y001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Parallel Connectors** | | |
| Star-point bridge for contactors, model size 0 | | LTZ0Y001 |
| Star-point bridge for contactors, model size 1 | | LTZ1Y001 |
| Star-point bridge for contactors, model size 2 | | LTZ2Y001 |

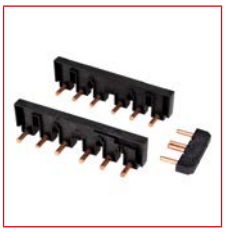
## Wiring Sets for Star-Delta Contactor Combinations, Size 0 - 2



LTZ0Y002



LTZ1Y002



LTZ2Y002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Wiring Sets** | | |
| Star-delta wiring set for contactors, model size 0 | | **LTZ0Y002** |
| Star-delta wiring set for contactors, model size 1 | | **LTZ1Y002** |
| Star-delta wiring set for contactors, model size 2 | | **LTZ2Y002** |

# Thermal Overload Relais Series ALEA II LTT

## Thermal Overload Relais LTT, Size 0


LTT00040

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Overload relay LTT, relay model size 0, 0,1 - 0,16A | | LTT00016 |
| Overload relay LTT, relay model size 0, 0,16 - 0,24A | | LTT00024 |
| Overload relay LTT, relay model size 0, 0,24 - 0,4A | | LTT00040 |
| Overload relay LTT, relay model size 0, 0,4 - 0,6A | | LTT00060 |
| Overload relay LTT, relay model size 0, 0,6 - 1A | | LTT00100 |
| Overload relay LTT, relay model size 0, 1 - 1,6A | | LTT00160 |
| Overload relay LTT, relay model size 0, 1,6 - 2,4A | | LTT00240 |
| Overload relay LTT, relay model size 0, 2,4 - 4A | | LTT00400 |
| Overload relay LTT, relay model size 0, 4 - 6A | | LTT00600 |
| Overload relay LTT, relay model size 0, 6 - 10A | | LTT01000 |
| Overload relay LTT, relay model size 0, 9 - 12A | | LTT01200 |
| Overload relay LTT, relay model size 0, 12 - 16A | | LTT01600 |

## Thermal Overload Relais LTT, Size 1


LTT11600

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Overload relay LTT, relay model size 1, 0,24 - 0,4A | | LTT10040 |
| Overload relay LTT, relay model size 1, 0,4 - 0,6A | | LTT10060 |
| Overload relay LTT, relay model size 1, 0,6 - 1A | | LTT10100 |
| Overload relay LTT, relay model size 1, 1 - 1,6A | | LTT10160 |
| Overload relay LTT, relay model size 1, 1,6 - 2,4A | | LTT10240 |
| Overload relay LTT, relay model size 1, 2,4 - 4A | | LTT10400 |
| Overload relay LTT, relay model size 1, 4 - 6A | | LTT10600 |
| Overload relay LTT, relay model size 1, 6 - 10A | | LTT11000 |
| Overload relay LTT, relay model size 1, 10 - 16A | | LTT11600 |
| Overload relay LTT, relay model size 1, 16 - 24A | | LTT12400 |
| Overload relay LTT, relay model size 1, 24 - 32A | | LTT13200 |
| Overload relay LTT, relay model size 1, 32 - 38A | | LTT13800 |

## Thermal Overload Relais LTT, Size 2


LTT24000

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Overload relay LTT, relay model size 2, 6 - 10A | | LTT21000 |
| Overload relay LTT, relay model size 2, 10 - 16A | | LTT21600 |
| Overload relay LTT, relay model size 2, 16 - 24A | | LTT22400 |
| Overload relay LTT, relay model size 2, 24 - 40A | | LTT24000 |
| Overload relay LTT, relay model size 2, 40 - 57A | | LTT25700 |
| Overload relay LTT, relay model size 2, 50 - 65A | | LTT26500 |
| Overload relay LTT, relay model size 2, 65 - 75A | | LTT27500 |

## Thermal Overload Relais LTT, Size 3


LTT30100

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Overload relay LTT, relay model size 3, 25 - 35A | | LTT30035 |
| Overload relay LTT, relay model size 3, 35 - 50A | | LTT30050 |
| Overload relay LTT, relay model size 3, 50 - 70A | | LTT30070 |
| Overload relay LTT, relay model size 3, 70 - 100A | | LTT30100 |
| Overload relay LTT, relay model size 3, 95 - 125A | | LTT30125 |
| Overload relay LTT, relay model size 3, 120 - 150A | | LTT30150 |
| Overload relay LTT, relay model size 3, 145 - 175A | | LTT30175 |

## Holder for Stand-Alone Installation of Thermal Overload Relais, Size 1 - 2



LTZ1TE01



LTZ2TE01

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Separate mounting overload relay model size 1 | | **LTZ1TE01** |
| Separate mounting overload relay model size 2 | | **LTZ2TE01** |

# Motor Protection Switches

## Motor Protection Switches Series BE5



BE500400

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Motor protection switches series BE5** | | | |
| 0.16 - 0.25A | | | **BE500250** |
| 0.25 - 0.40A | | | **BE500400** |
| 0.40 - 0.63A | | | **BE500630** |
| 0.63 - 1.00A | | | **BE501000** |
| 1.00 - 1.60A | | | **BE501600** |
| 1.60 - 2.50A | | | **BE502500** |
| 2.5A-4.0A | | | **BE504000** |
| 4.0-6.3A | | | **BE506300** |
| 6.3-10A | | | **BE510000** |
| 10-16A | | | **BE516000** |
| 16-20A | | | **BE520000** |
| 20-25A | | | **BE525000** |
| 25-32A | | | **BE532000** |
| **Auxiliary contacts** | | | |
| Auxiliary contact front, 1NO+1NC | BE5/6-HIF11 | | **BE082882** |
| Auxiliary contact front, 1NO | BE5/6-HIF10 | | **BE082884** |

## Motor Protection Switches Series BE6



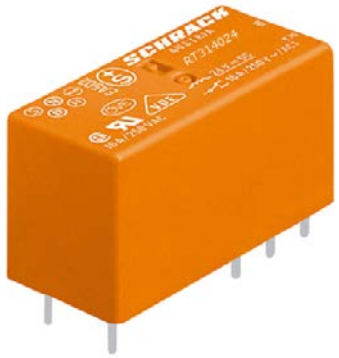
BE632000



BE082884

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Motor Protection Switches Series BE6** | | | |
| 24-32A | | | **BE632000** |
| 32-40A | | | **BE640000** |
| 40-50A | | | **BE650000** |
| 50-58A | | | BE658000 |
| 55-63A | | | **BE663000** |
| **Auxiliary contacts** | | | |
| Auxiliary contact front, 1NO+1NC | BE5/6-HIF11 | | **BE082882** |
| Auxiliary contact front, 1NO | BE5/6-HIF10 | | **BE082884** |

## Power relays, Series RT




## Pluggable interface relay XT




## Plug-in relays S-RELAY, Series 4




## Plug-in relays, Series PT



## Relay sockets for S-Relay




## Relay sockets for RT Relays



## Timer relays, Series ZR5




## Measuring and monitoring relays, Series UR6



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Relays

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# Plug-in Relays

## Relay Package SNR


ST3P3LC4

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Relay Package - Screw Terminal** | | |
| 12V DC, 1 CO, 6A with socket | | ST3P3LB2 |
| 24V DC, 1 CO, 6A with socket | | ST3P3LC4 |
| 24V DC, 1 CO, 6A with socket | | ST3P2LC4 |
| 230V AC / DC, 1 CO, 6A with socket | | ST3P3TP0 |
| **Accessories** | | |
| DIN rail mounted plug-in socket for SNR relays, 24V DC, 6A, incl. protection diode, with screw terminals | | ST3FLC4 |
| SNR jumper bar, red, 500mm | | ST37001 |
| SNR jumper bar, blue, 500mm | | ST37002 |
| SNR jumper bar, grey, 500mm | | ST37003 |
| Marking plate, 1 plate = 100pcs. | | ST37040 |

## Power Relays Series RT


RT1


RT1 INRUSH

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Power Relays RT1, 12A** | | |
| 12V DC, 1 CO, 12A | | RT114012 |
| 24V DC, 1 CO, 12A | | RT114024 |
| 24V AC, 1 CO, 12A | | RT114524 |
| 12V DC, 1 CO, 12A | | RT214012 |
| 24V DC, 1 CO, 12A | | RT214024 |
| 230V AC, 1 CO, 12A | | RT214730 |
| **Power Relays RT1, 16A** | | |
| 5V DC, 1 CO, 16A | | RT314005 |
| 6V DC, 1 Wechsler, 16A | | RT314006 |
| 12V DC, 1 CO, 16A | | RT314012 |
| 24V DC, 1 CO, 16A | | RT314024 |
| 24V DC, 1 NO, 16A | | RT334024 |
| 110V DC, 1 CO, 16A | | RT314110 |
| 24V AC, 1 CO, 16A | | RT314524 |
| 230V AC, 1 CO, 16A | | RT314730 |
| 230V AC, 1 CO, 16A, gold plated | | RT315730 |
| **Power Relays RT1 Inrush and High Inrush** | | |
| 12V DC, 1 NO, 16A | | RT33K012 |
| 24V DC, 1 NO, 16A | | RT33K024 |
| 24V DC, 1 CO, 16A | | RT31L024 |
| **Power Relays RT1 High Inrush** | | |
| 24V DC, 1 NO, 16A | | RTS3T024 |

## Power Relays Series RT



RT2



RT7872P

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Power Relays RT2** | | |
| 6V DC, 2 CO, 8A | | **RT424006** |
| 12V DC, 2 CO, 8A | | **RT424012** |
| 24V DC, 2 CO, 8A | | **RT424024** |
| 24V DC, 2 CO, 8A, gold plated | | **RT425024** |
| 24V DC, 2 CO, 8A | | **RTE24024** |
| 48V DC, 2 CO, 8A | | **RT424048** |
| 60V DC, 2 CO, 8A | | **RT424060** |
| 110V DC, 2 CO, 8A | | **RT424110** |
| 24V AC, 2 CO, 8A | | **RT424524** |
| 48V AC, 2 CO, 8A | | **RT424548** |
| 115V AC, 2 CO, 8A | | **RT424615** |
| 115V AC, 2 CO, 8A, gold plated | | RT425615 |
| 230V AC, 2 CO, 8A | | **RT424730** |
| 230V AC, 2 CO, 8A, gold plated | | **RT425730** |
| **Spring Clamp Terminal Socket for Power Relays RT** | | |
| DIN rail mounted plug-in socket for RT2x, RT3x, RT4x, XT, RP4x relays, pinning 5mm, max. 16A, with spring clamp terminals | | **RT7872P** |
| Jumper link for connection of RT7872P | | **RT170P1** |
| **Plug-in Socket for Power Relays RT** | | |
| DIN rail mounted plug-in socket for RT1x relays, pinning 3.5mm, max. 12A, I/O - logical arrangement, with screw terminals | | **YRT78624** |
| DIN rail mounted plug-in socket for XT, RT2x, RT3x, RT4x relays, pinning 5mm, max. 12A, I/O - logical arrangement, with screw terminals | | **YRT78626** |
| DIN rail mounted plug-in socket for RT2x, RT3x, RT4x relays, pinning 5mm, max. 16A, conventional arrangement, with screw terminals | | **RT78725** |
| Retaining clip for RT relays with ejection function | | **RT17017** |
| Jumper bar for connection of up to 8 RT-sockets | | **RT170R8** |
| Marking tag (for YRT sockets YRT78624 and YRT78626) | | **YRT16040** |
| **Modules Matching Plug-in Socket for Power Relays RT** | | |
| LED module, red, 6 - 24V AC / DC, EM07 | | **YMLRA024** |
| LED module, red, 6 - 24V DC, A1+, EM18 | | **YMLRD024-A** |
| LED module, red, 6 - 24V DC, A1-, EM08 | | **YMLRD024** |
| LED module, red, 110 - 230V AC, EM06 | | **YMLRW230** |
| LED module, green, 6 - 24V AC / DC, EM11 | | **YMLGA024** |
| LED module, green 6 - 24V DC with protection diode, A1+, EM12 | | **YMLGD024** |
| LED module, green, 110 - 230V AC, EM10 | | **YMLGW230** |
| Protection diode module 6 - 230V DC, A1+, EM09 | | **YMFDG230** |
| RC Network module 6 - 60V AC, EM02 | | **YMRCW024** |
| RC Network module 110 - 230V AC, EM03 | | **YMRCW230** |
| Varistor module, 24V AC, EM04 | | **YMVAW024** |
| Varistor module 230V AC, EM05 | | **YMVAW230** |

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## Pluggable Interface Relay XT


XT484LC4


RT7872P


YRT78624



YMLRA024

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Pluggable Interface Relay XT** | | |
| 24V DC, 1 CO, 16A, with LED and protection diode | | **XT374LC4** |
| 24V DC, 2 CO, 8A, with LED and protection diode | | **XT484LC4** |
| 24V AC, 2 CO, 8A, with LED | | **XT484R24** |
| 230V AC, 2 CO, 8A, with LED | | **XT484T30** |
| **Spring Clamp Terminal Socket for Relays Series XT** | | |
| DIN rail mounted plug-in socket for RT2x, RT3x, RT4x, XT, RP4x relays, pinning 5mm, max. 16A, with spring clamp terminals | | **RT7872P** |
| Retaining clip for RT relays with ejection function | | **RT17017** |
| Retaining clip for XT and RP relays with ejection function | | **XT17017** |
| Jumper link for connection of RT7872P | | **RT170P1** |
| **Plug-in Socket for Relays Series XT** | | |
| DIN rail mounted plug-in socket for RT1x relays, pinning 3.5mm, max. 12A, I/O - logical arrangement, with screw terminals | | **YRT78624** |
| DIN rail mounted plug-in socket for XT, RT2x, RT3x, RT4x relays, pinning 5mm, max. 12A, I/O - logical arrangement, with screw terminals | | **YRT78626** |
| DIN rail mounted plug-in socket for RT2x, RT3x, RT4x relays, pinning 5mm, max. 16A, conventional arrangement, with screw terminals | | **RT78725** |
| Retaining clip for RT relays with ejection function | | **RT17017** |
| Retaining clip for XT and RP relays with ejection function | | **XT17017** |
| Jumper bar for connection of up to 8 RT-sockets | | **RT170R8** |
| Marking tag (for YRT sockets YRT78624 and YRT78626) | | **YRT16040** |
| **Accessories for Series XT Sockets** | | |
| LED module, red, 6 - 24V AC / DC, EM07 | | **YMLRA024** |
| LED module, red, 6 - 24V DC, A1+, EM18 | | **YMLRD024-A** |
| LED module, red, 6 - 24V DC, A1-, EM08 | | **YMLRD024** |
| LED module, red, 110 - 230V AC, EM06 | | **YMLRW230** |
| LED module, green, 6 - 24V AC / DC, EM11 | | **YMLGA024** |
| LED module, green 6 - 24V DC with protection diode, A1+, EM12 | | **YMLGD024** |
| LED module, green, 110 - 230V AC, EM10 | | **YMLGW230** |
| Protection diode module 6 - 230V DC, A1+, EM09 | | **YMFDG230** |
| RC Network module 6 - 60V AC, EM02 | | **YMRCW024** |
| RC Network module 110 - 230V AC, EM03 | | **YMRCW230** |
| Varistor module, 24V AC, EM04 | | **YMVAW024** |
| Varistor module 230V AC, EM05 | | **YMVAW230** |

## Plug-in Relays S-RELAY Series 4



RS410024



RS410730



YRS50004




YRS11730

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **S-Relay 4 Poles, Series 4** | | |
| 24V DC, 4 CO, 6A | | **RS410024** |
| 24V AC, 4 CO, 6A | | **RS410524** |
| 230V AC, 4 CO, 6A | | **RS410730** |
| 24V DC, 4 CO, 6A, with LED and protection diode | | **RS410LC4** |
| 24V AC, 4 CO, 6A, with LED | | **RS410R24** |
| 230V AC, 4 CO, 6A, with LED | | **RS410T30** |
| **Socket for S-Relay 4 Poles, Series 4** | | |
| Socket with screw terminals, 14 pole | | **YRS50004** |
| Socket with screw terminals I/O, 14 pole | | **YRS50104** |
| Socket with plug-in terminals, 14 pole | | **YRS51004** |
| Retaining clip for YRS socket | | **YRS40000** |
| Marking tag | | **YRS20000** |
| **Modules Matching Plug-in Socket for S-Relays, Series 4** | | |
| LED module green, 110 - 240V AC, for sockets YRS | | **YRS11730** |
| LED+PD module green, 6 - 24V DC, A1+, for sockets YRS | | **YRS12024** |
| Protection diode module, 6 - 250V DC, for sockets YRS | | **YRS13250** |
| RC Network module, 6 - 24V AC, for sockets YRS | | **YRS14524** |
| RC Network module, 110 - 240V AC, for sockets YRS | | **YRS14730** |

## Plug-in Relays Series PT



PT570LC4

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **PT Relays 2 Poles** | | |
| 24V DC, 2 CO, 12A | | **PT270024** |
| 48V DC, 2 CO, 12A | | **PT270048** |
| 24V AC, 2 CO, 12A | | **PT270524** |
| 230V AC, 2 CO, 12A | | **PT270730** |
| **Socket for PT Relays 2 Poles** | | |
| DIN rail mounted plug-in socket for PT2 relays, 8 pole, 12A (2 CO) | | **YPT78702** |
| Retaining clip metal | | **PT28800** |
| **PT Relays 3 Poles** | | |
| 24V DC, 3 CO, 10A | | **PT370024** |
| 110V DC, 3 CO, 10A | | **PT370110** |
| 24V AC, 3 CO, 10A | | **PT370524** |
| 230V AC, 3 CO, 10A | | **PT370730** |
| **Socket for PT Relays 3 Poles** | | |
| DIN rail mounted plug-in socket for PT3 relays, 11 pole, 10A (3 CO) | | **YPT78703** |
| **PT Relays 4 Poles** | | |
| 6V DC, 4 CO, 6A | | **PT570006** |
| 12V DC, 4 CO, 6A | | **PT570012** |
| 24V DC, 4 CO, 6A | | **PT570024** |
| 48V DC, 4 CO, 6A | | **PT570048** |
| 110V DC, 4 CO, 6A with LED and protection diode | | PT570MB0 |
| 60V DC, 4 CO, 6A | | **PT570060** |
| 110V DC, 4 CO, 6A | | **PT570110** |
| 125V DC, 4 CO, 6A | | **PT570125** |
| 220V DC, 4 CO, 6A | | **PT570220** |
| 6V AC, 4 CO, 6A | | **PT570506** |
| 12V AC, 4 CO, 6A | | **PT570512** |
| 24V AC, 4 CO, 6A | | **PT570524** |
| 48V AC, 4 CO, 6A | | **PT570548** |
| 115V AC, 4 CO, 6A | | **PT570615** |
| 230V AC, 4 CO, 6A | | **PT570730** |
| 24V DC, 4 CO, 6A with LED and protection diode | | **PT570LC4** |
| 24V DC, 4 CO, 6A with LED | | **PT570L24** |
| 20V DC, 4 CO, 6A with LED | | **PT570N20** |
| 24V DC, 4 CO, 6A with LED | | **PT570R24** |
| 230V AC, 4 CO, 6A with LED | | **PT570T30** |
| 24V DC, 4 CO, 6A, gold plated | | **PT580024** |
| 110V DC, 4 CO, 6A, gold plated | | PT580110 |
| 220V DC, 4 CO, 6A, gold plated | | **PT580220** |
| 24V AC, 4 CO, 6A, gold plated | | **PT580524** |
| 115V AC, 4 CO, 6A, gold plated | | PT580615 |
| 230V AC, 4 CO, 6A, gold plated | | **PT580730** |
| 24V DC, 4 CO, 6A, gold plated with LED | | **PT580L24** |
| 230V AC, 4 CO, 6A, gold plated with LED | | **PT580T30** |
| **Socket for PT Relays 4 Poles** | | |
| DIN rail mounted plug-in socket for PT5 relays, 14 pole, 6A (4 CO), with spring clamp terminals | | **PT7874P** |
| Retaining clip for PT socket PT7874P | | **PT17021** |
| Jumper link, 12A, for PT socket PT7874P | | **PT170P1** |
| Marking tag | | **YPT16040** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Plug-in Relays Series PT



YPT78704




YMLGD024

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Plug-in Socket for PT Relays, I/O - Logical Arrangement 4 Poles** | | |
| DIN rail mounted plug-in socket for PT5 relays, 14-pole, 6A (4 CO) with screw terminals | | **PT78742** |
| Retaining clip for PT socket PT7874P | | **PT17021** |
| Jumper bar, 12A, for connection of up to 6 PT sockets YPT78... | | **PT170R6** |
| Marking tag | | **YPT16040** |
| **Plug-in Socket for PT Relays 4 Poles, Conventional Model** | | |
| DIN rail mounted plug-in socket for PT2 relays, 8 pole, 12A (2 CO) | | **YPT78702** |
| DIN rail mounted plug-in socket for PT3 relays, 11 pole, 10A (3 CO) | | **YPT78703** |
| DIN rail mounted plug-in socket for PT5 relays, 14 pole, 6A (4 CO) | | **YPT78704** |
| DIN rail mounted plug-in socket for PT5 relays, 14 pole, 6A (4 CO) with protection diode | | **YPT78110** |
| Retaining clip | | **YPT16016** |
| Retaining clip for PT socket PT78xx | | **PT17024** |
| Jumper bar, 12A, for connection of up to 6 PT sockets YPT78... | | **PT170R6** |
| Marking tag | | **YPT16040** |
| **Modules Matching Plug-in Socket for PT Relays** | | |
| LED module, red, 6 - 24V AC / DC, EM07 | | **YMLRA024** |
| LED module, red, 6 - 24V DC, A1+, EM18 | | **YMLRD024-A** |
| LED module, red, 6 - 24V DC, A1-, EM08 | | **YMLRD024** |
| LED module, red, 110 - 230V AC, EM06 | | **YMLRW230** |
| LED module, green, 6 - 24V AC / DC, EM11 | | **YMLGA024** |
| LED module, green 6 - 24V DC with protection diode, A1+, EM12 | | **YMLGD024** |
| LED module, green, 110 - 230V AC, EM10 | | **YMLGW230** |
| Protection diode module 6 - 230V DC, A1+, EM09 | | **YMFDG230** |
| RC Network module 6 - 60V AC, EM02 | | **YMRCW024** |
| RC Network module 110 - 230V AC, EM03 | | **YMRCW230** |
| Varistor module, 24V AC, EM04 | | **YMVAW024** |
| Varistor module 230V AC, EM05 | | **YMVAW230** |



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## Plug-in Relays Series MT


MT321012


MT78740



MTML0024

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **MT Relays 2 Poles** | | |
| 12V DC, 2 CO, 10A | | **MT221012** |
| 24V DC, 2 CO, 10A | | **MT221024** |
| 12V AC, 2 CO, 10A | | **MT226012** |
| 24V AC, 2 CO, 10A | | **MT226024** |
| 115V AC, 2 CO, 10A | | **MT226115** |
| 230V AC, 2 CO, 10A | | **MT226230** |
| 230V AC, 2 CO, 10A with LED | | MT228230 |
| **Socket for MT Relays 2 Poles** | | |
| DIN rail mounted plug-in socket for MT2 relays, 8 pole, 10A (2 CO) with screw terminals, not compatible with function modules | | **YMR78701** |
| **MT Relays 3 Poles** | | |
| 12V DC, 3 CO, 10A | | **MT321012** |
| 24V DC, 3 CO, 10A | | **MT321024** |
| 48V DC, 3 CO, 10A | | **MT321048** |
| 60V DC, 3 CO, 10A | | **MT321060** |
| 24V DC, 3 CO, 10A with protection diode | | **MT3210C4** |
| 110V DC, 3 CO, 10A | | **MT321110** |
| 110V DC, 3 CO, 10A with protection diode | | MT3211B0 |
| 220V DC, 3 CO, 10A | | **MT321220** |
| 24V DC, 3 CO, 10A with LED | | **MT323024** |
| 48V DC, 3 CO, 10A with LED | | **MT323048** |
| 60V DC, 3 CO, 10A | | **MT323060** |
| 24V DC, 3 CO, 10A with LED and protection diode | | **MT3230C4** |
| 110V DC, 3 CO, 10A with LED | | **MT323110** |
| 220V DC, 3 CO, 10A with LED | | **MT323220** |
| 12V AC, 3 CO, 10A | | **MT326012** |
| 24V AC, 3 CO, 10A | | **MT326024** |
| 48V AC, 3 CO, 10A | | **MT326048** |
| 60V AC, 3 CO, 10A | | **MT326060** |
| 115V AC, 3 CO, 10A | | **MT326115** |
| 230V AC, 3 CO, 10A | | **MT326230** |
| 24V AC, 3 CO, 10A with LED | | **MT328024** |
| 115V AC, 3 CO, 10A with LED | | **MT328115** |
| 230V AC, 3 CO, 10A with LED | | **MT328230** |
| 24V DC, 3 CO, 10A, gold plated | | **MT331024** |
| 110V DC, 3 CO, 10A, gold plated | | **MT331110** |
| 220V DC, 3 CO, 10A, gold plated | | **MT331220** |
| 24V DC, 3 CO, 10A, gold plated | | **MT333024** |
| 24V DC, 3 CO, 10A, gold plated | | **MT3330C4** |
| 220V DC, 3 CO, 10A, gold plated with LED | | MT333220 |
| 230V AC, 3 CO, 10A, gold plated | | **MT336230** |
| **Socket for MT Relays 3 Poles** | | |
| DIN rail mounted plug-in socket for MT3 relays and timer relays series ZR4, 11 pole, 10A (3 CO), with screw terminals, not compatible with function modules | | **YMR78700** |
| **Modules and Sockets for MT Relays, 3 Poles** | | |
| DIN rail mounted plug-in socket for MT3 relays, 11 pole, 10A (3 CO), with screw terminals, compatible with function modules | | **MT78740** |
| LED module red 24V AC / DC for socket MT78740 | | **MTML0024** |
| Protection diode module 1N4007 for socket MT78740 | | **MTMT00A0** |
| RC-Network module 110 - 240V AC for socket MT78740 | | **MTMU0730** |
| Single function module Delay ON for socket MT78740 | | **MTMZ0W00** |
| Multifunction module for socket MT78740 | | **MTMF0W00** |



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## Plug-in Relays Series RM



RM732730


RM732730


SERIES RM


RM78705

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **RM Relays 2 Poles** | | |
| 24V DC, 2 CO, 25A | | **RM875024** |
| 24V DC, 2 CO, 25A | | **RM878024** |
| 24V DC, 2 CO, 25A | | **RM879024** |
| 24V DC, 1 NO, 30A | | **RMD05024** |
| 230V AC, 2 CO, 25A | | **RM875730** |
| 230V AC, 2 CO, 25A | | **RM829730** |
| 230V AC, 2 CO, 25A | | **RM879730** |
| **RM Relays 3 Poles** | | |
| 24V DC, 3 CO, 16A | | **RM722024** |
| 12V DC, 3 CO, 16A | | **RM772012** |
| 24V DC, 3 CO, 16A | | **RM772024** |
| 60V DC, 3 CO, 16A | | **RM772060** |
| 24V AC, 3 CO, 16A | | **RM772524** |
| 230V AC, 3 CO, 16A | | **RM772730** |
| 400V AC, 3 CO, 16A | | **RM772900** |
| 230V AC, 3 CO, 16A | | **RM775730** |
| 24V DC, 3 CO, 16A | | **RM778024** |
| 230V AC, 3 CO, 16A | | **RM778730** |
| 230V AC, 3 CO, 16A | | **RM779730** |
| **Socket for RM Relays, up to 16 A, for RMxx2xxx** | | |
| DIN rail mounted plug-in socket, 11 pole, up to 16A, for Faston 187 | | **RM78705** |

# Timer Relays

## Timer Single Function Relays series Amparo



ZRAR0011



ZRAE0011

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **OFF-delay** | | | |
| Timer single function relay Amparo, 24V AC / DC or 230V AC, 1 CO, 5A / 230V | 1 | | **ZRAR0011** |
| **ON-delay** | | | |
| Timer single function relay AMPARO, 24V AC / DC or 230V AC, 1 CO, 5A / 230V | 1 | | **ZRAE0011** |

## Timer Multi Function Relays series Amparo



ZRAMF011

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Timer multi function relay AMPARO, 24V AC / DC or 230V AC, 1 CO, 5A / 230V | 1 | | **ZRAMF011** |

## Timer Relays Series ZR5


ZR5E,R,ER


ZR5MF


ZR5B


ZR5SD025


ZR5RT011

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Tripping and Release Delay** | | |
| Timer single function ON-delay 24 - 240V AC / DC, 1CO, 8A / 250V | | **ZR5E0011** |
| Timer single function OFF-delay 24 - 240V AC / DC, 1CO, 8A / 250V | | **ZR5R0011** |
| Timer duo function ON/OFF-delay 24 - 240V AC / DC, 1CO, 8A / 250V | | **ZR5ER011** |
| **Multi-function Relays** | | |
| Timer multifunction 12 - 240V AC / DC, 1CO, 8A / 250V | | **ZR5MF011** |
| Timer multifunction 12 - 240V AC / DC, 2CO, 8A / 250V | | **ZR5MF025** |
| **Flasher Relays** | | |
| Timer flashing 12 - 240V AC / DC, 1CO, 8A / 250V | | **ZR5B0011** |
| TWO-TIME multifunction 12 - 240V AC / DC, 2CO, 8A / 250V | | **ZR5B0025** |
| **Star-Delta Relays** | | |
| Timer STAR-DELTA 12 - 240V AC, 2CO, 8A | | **ZR5SD025** |
| **Emergency Lighting Testers** | | |
| Emergency-light-test-relay 230V, modular version | | **ZR5RT011** |



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## Timer Relays Series ZR4, for Round 11 Pole Plug-in Socket



ZR4MF025-A



ZR4B0025-A



YMR78700

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Multi-function Relays** | | |
| Timer multifunction 12 - 240V AC / DC, 2CO, 8A, plug-version | | **ZR4MF025-A** |
| **Flasher Relays** | | |
| TWO-TIME multifunction 12 - 240V AC / DC, 2CO, 8A, 250V, plug-version | | **ZR4B0025-A** |
| **Sockets** | | |
| DIN rail mounted plug-in socket for MT3 relays and timer relays series ZR4, 11 pole, 10A (3 CO), with screw terminals, not compatible with function modules | | **YMR78700** |

## Timer Relays Series ZR6



ZR6MF052

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Multi-function Relays** | | |
| Timer multifunction 12 - 240V AC / DC, 2CO, 8A / 250V | | **ZR6MF052** |

## Phase Monitoring Relays series Amparo



URAP3011

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Phase monitoring relay Amparo, 230V AC, 3 phase, 1CO, 5A / 230V | 1 | | **URAP3011** |

## Voltage Monitoring Relays series Amparo



URAU3011

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Voltage monitoring relay Amparo with adjustable voltage range 160-240V, 230V AC, 3 phase, 1CO , 5A / 230V | 1 | | **URAU3011** |
| Voltage monitoring relay Amparo, 230V AC, with fixed switching threshold Us = 195.5V, 3 phase against N, 1 CO, 5A / 230V | 1 | | **URAU3N11** |
| Undervoltage Relay with time delay | | | **URAU3D11** |

## Emergency Light Test Relay



ZR5RT011

| DESCRIPTION | MW | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Emergency light test relay 230V, modular version | 1 | | **ZR5RT011** |

# Measuring and Monitoring Relays

## Measuring and Monitoring Relays Series UR5


UR5U


UR5I, UR5P


UR5R1021


UR5L1021

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Voltage Monitoring Relays** | | |
| Voltage monitoring relay, 1 phase, 1CO | | **UR5U1011** |
| Voltage monitoring relay with adjustable voltage range 160 - 240V, 3-phase, 1CO | | **UR5U3011** |
| Voltage monitoring relay, 3 phase against N, fixed Us = 195.5V, 1CO | | **UR5U3N11** |
| **Current Monitoring Relays** | | |
| Current monitoring relay 1 phase, input 230V, 1CO | | **UR5I1011** |
| **Phase Monitoring Relays** | | |
| Phase monitoring relay, 3 phase, 1CO | | **UR5P3011** |
| **Thermistor Monitoring Relays** | | |
| Thermistor monitoring relay, 1 phase, 1CO | | **UR5R1021** |
| **Level Monitoring Relays** | | |
| Level monitoring relay, 1 phase, 1CO | | **UR5L1021** |

## Measuring and Monitoring Relays Series UR6



UR6U



UR6I1052



UR6P3052



UR6R1052

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Voltage Monitoring Relays** | | |
| Voltage monitoring relay, 1 phase, AC / DC, 2 CO | | **UR6U1052** |
| Voltage monitoring relay, 3 phase, AC / DC, 2 CO | | **UR6U3052** |
| **Current Monitoring Relays** | | |
| Current monitoring relay, 1 phase, input 24 - 240V AC / DC, 1CO | | **UR6I1052** |
| **Phase Monitoring Relays** | | |
| Phase monitoring relay, 3 phase, 2 CO | | **UR6P3052** |
| **Thermistor Monitoring Relays** | | |
| Thermistor monitoring relay, 1 phase, 230V AC, 2 CO | | **UR6R1052** |
| **Level Monitoring Relays** | | |
| Level monitoring relay, 1 phase, input 230V AC / 5A, 2 CO | | **UR6L1052** |

## Accessories, Probes for Level Monitoring Relays



URL91010



URL900XX

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Level monitoring immersion probe | | **URL91010** |
| Level monitoring 1 probe, 1 x 1 meter | | **URL90010** |
| Level monitoring 2 probes, 2 x 1 meter | | **URL90020** |
| Level monitoring 3 probes, 3 x 1 meter | | **URL90030** |

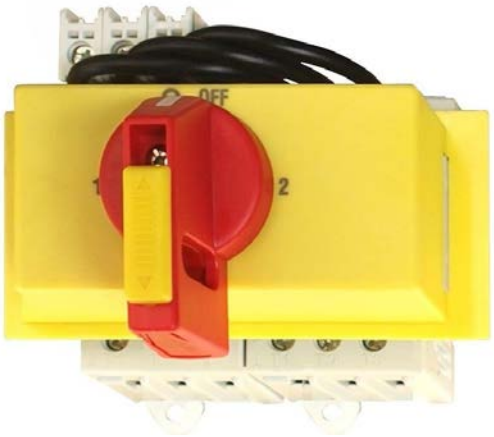
## Series B - Main Switches Emergency Stop



## Series B - Main Switches Emergency Stop



## Series B - Changeover Switches




## Series B - Repair Switches Enclosed




## Series B - Main Switches



## Series B - Main Switches Photovoltaic



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Main, Emergency Stop and Repair Switches

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# Main, Emergency Stop and Repair Switches

## Series B - Main Switches Emergency Stop, 4 Hole Panel Mounting, Lockable, IP66



IN8E2332

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **3-Pole, Locking Device SV4** | | | |
| Main switch emergency off 3-pole, front mounting, 20A, 7.5kW | LTS20 EHN4 A3 | | **IN8E2332** |
| Main switch emergency off 3-pole, front mounting, 25A, 10kW | LTS25 EHN4 A3 | | **IN8E2333** |
| Main switch emergency off 3-pole, front mounting, 32A, 12.5kW | LTS32 EHN4 A3 | | **IN8E2334** |
| Main switch emergency off 3-pole, front mounting, 40A, 16kW | LTS40 EHN4 A3 | | **IN8E2335** |
| Main switch emergency off 3-pole, front mounting, 63A, 22kW | LTS63 EHN4 A3 | | **IN8E2337** |
| Main switch emergency off 3-pole, front mounting, 80A, 22kW | LTS80 EHN4 A3 | | **IN8E2338** |
| Main switch emergency off 3-pole, front mounting, 85A, 30kW | LTS85 EHN4 A3 | | **IN8E2339** |
| Main switch emergency off 3-pole, front mounting, 100A, 37kW | LTS100 EHN4 A3 | | **IN8E233A** |
| Main switch emergency off 3-pole, front mounting, 125A, 45kW | LTS125 EHN4 A3 | | **IN8E233B** |
| **4-Pole, Locking Device SV4** | | | |
| Main switch emergency off 4-pole, front mounting, 20A, 7.5kW | LTS20 EHN4 A4 | | **IN8E2432** |
| Main switch emergency off 4-pole, front mounting, 25A, 10kW | LTS25 EHN4 A4 | | **IN8E2433** |
| Main switch emergency off 4-pole, front mounting, 32A,12.5kW | LTS32 EHN4 A4 | | **IN8E2434** |
| Main switch emergency off 4-pole, front mounting, 40A, 16kW | LTS40 EHN4 A4 | | **IN8E2435** |
| Main switch emergency off 4-pole, front mounting, 63A, 22kW | LTS63 EHN4 A4 | | **IN8E2437** |
| Main switch emergency off 4-pole, front mounting, 80A, 22kW | LTS80 EHN4 A4 | | **IN8E2438** |

## Series B - Main Switches Emergency Stop, 4 Hole Panel Mounting, Door-Coupling, Lockable, IP66



IN8A2432

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **4-Pole, Locking Device SV4** | | | |
| Main switch emergency off 4-pole, base mounting, 20A, 7.5kW | LTS20 VHN4 A4 | | **IN8A2432** |
| Main switch emergency off 4-pole, base mounting, 25A, 10kW | LTS25 VHN4 A4 | | **IN8A2433** |
| Main switch emergency off 4-pole, base mounting, 32A, 12.5kW | LTS32 VHN4 A4 | | **IN8A2434** |
| Main switch emergency off 4-pole, base mounting, 40A, 16kW | LTS40 VHN4 A4 | | **IN8A2435** |
| Main switch emergency off 4-pole, base mounting, 63A, 22kW | LTS63 VHN4 A4 | | **IN8A2437** |
| Main switch emergency off 4-pole, base mounting, 80A, 22kW | LTS80 VHN4 A4 | | **IN8A2438** |

## Series B - Main Switches Emergency Stop, Modular, Lockable, IP40



IN8R2425

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **3-Pole, Locking Device SV1** | | | |
| Main switch emergency off 3-pole, DIN-rail mounting, 20A, 7.5kW | LTS20 SMAHN1 A3 | | **IN8R2322** |
| Main switch emergency off 3-pole, DIN-rail mounting, 25A, 10kW | LTS25 SMAHN1 A3 | | **IN8R2323** |
| Main switch emergency off 3-pole, DIN-rail mounting, 32A, 12.5kW | LTS32 SMAHN1 A3 | | **IN8R2324** |
| Main switch emergency off 3-pole, DIN-rail mounting, 40A, 16kW | LTS40 SMAHN1 A3 | | **IN8R2325** |
| Main switch emergency off 3-pole, DIN-rail mounting, 63A, 22kW | LTS63 SMAHN1 A3 | | **IN8R2327** |
| Main switch emergency off 3-pole, DIN-rail mounting, 80A, 22kW | LTS80 SMAHN1 A3 | | **IN8R2328** |
| Main switch emergency off 3-pole, DIN-rail mounting, 85A, 30kW | LTS85 SMAHN1 A3 | | **IN8R2329** |
| Main switch emergency off 3-pole, DIN-rail mounting, 100A, 37kW | LTS100 SMAHN1 A3 | | **IN8R232A** |
| Main switch emergency off 3-pole, DIN-rail mounting, 125A, 45kW | LTS125 SMAHN1 A3 | | **IN8R232B** |
| **4-Pole, Locking Device SV1** | | | |
| Main switch emergency off 4-pole, DIN-rail mounting, 20A, 7.5kW | LTS20 SMAHN1 A4 | | **IN8R2422** |
| Main switch emergency off 4-pole, DIN-rail mounting, 25A, 10kW | LTS25 SMAHN1 A4 | | **IN8R2423** |
| Main switch emergency off 4-pole, DIN-rail mounting, 32A, 12.5kW | LTS32 SMAHN1 A4 | | **IN8R2424** |
| Main switch emergency off 4-pole, DIN-rail mounting, 40A, 16kW | LTS40 SMAHN1 A4 | | **IN8R2425** |
| Main switch emergency off 4-pole, DIN-rail mounting, 63A, 22kW | LTS63 SMAHN1 A4 | | **IN8R2427** |
| Main switch emergency off 4-pole, DIN-rail mounting, 80A, 22kW | LTS80 SMAHN1 A4 | | **IN8R2428** |

## Series B - Repair Switches Enclosed, Lockable, IP65



IN8P2332

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **3-Pole, Locking Device SV4** | | | |
| Repair switch emergency off 3-pole, 20A, 7.5kW | LTS20 PFHN4 A3 | | **IN8P2332** |
| Repair switch emergency off 3-pole, 25A, 10kW | LTS25 PFHN4 A3 | | **IN8P2333** |
| Repair switch emergency off 3-pole, 32A, 12.5kW | LTS32 PFHN4 A3 | | **IN8P2334** |
| Repair switch emergency off 3-pole, 40A, 16kW | LTS40 PFHN4 A3 | | **IN8P2335** |
| Repair switch emergency off 3-pole, 63A, 22kW | LTS63 PFHN4 A3 | | **IN8P2337** |
| Repair switch emergency off 3-pole, 80A, 22kW | LTS80 PFHN4 A3 | | **IN8P2338** |
| **4-Pole, Locking Device SV4** | | | |
| Repair switch emergency off 4-pole, 20A, 7.5kW | LTS20 PFHN4 A4 | | **IN8P2432** |
| Repair switch emergency off 4-pole, 25A, 10kW | LTS25 PFHN4 A4 | | **IN8P2433** |
| Repair switch emergency off 4-pole, 32A, 12.5kW | LTS32 PFHN4 A4 | | **IN8P2434** |
| Repair switch emergency off 4-pole, 40A, 16kW | LTS40 PFHN4 A4 | | **IN8P2435** |
| Repair switch emergency off 4-pole, 63A, 22kW | LTS63 PFHN4 A4 | | **IN8P2437** |
| Repair switch emergency off 4-pole, 80A, 22kW | LTS80 PFHN4 A4 | | **IN8P2438** |

## Series B - Main Switches, 4 Hole Panel Mounting



IN8E1332

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **3-Pole, Locking Device SV4** | | | |
| Main switch 3-pole, front mounting, 20A, 7.5kW | LTS20 EH4 A3 | | **IN8E1332** |
| Main switch 3-pole, front mounting, 25A, 10kW | LTS25 EH4 A3 | | **IN8E1333** |
| Main switch 3-pole, front mounting, 32A, 12.5kW | LTS32 EH4 A3 | | **IN8E1334** |
| Main switch 3-pole, front mounting, 40A, 16kW | LTS40 EH4 A3 | | **IN8E1335** |
| Main switch 3-pole, front mounting, 63A, 22kW | LTS63 EH4 A3 | | **IN8E1337** |
| Main switch 3-pole, front mounting, 80A, 22kW | LTS80 EH4 A3 | | **IN8E1338** |
| Main switch 3-pole, front mounting, 85A, 30kW | LTS85 EH4 A3 | | IN8E1339 |
| Main switch 3-pole, front mounting, 100A, 37kW | LTS100 EH4 A3 | | **IN8E133A** |
| Main switch 3-pole, front mounting, 125A, 45kW | LTS125 EH4 A3 | | IN8E133B |

## Series B - Main Switches, Modular, Lockable, IP40



IN8R1322

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **3-Pole, Locking Device SV1** | | | |
| Main switch 3-pole, DIN-rail mounting, 20A, 7.5kW | LTS20 SMAH1 A3 | | **IN8R1322** |
| Main switch 3-pole, DIN-rail mounting, 25A, 10kW | LTS25 SMAH1 A3 | | **IN8R1323** |
| Main switch 3-pole, DIN-rail mounting, 32A, 12.5kW | LTS32 SMAH1 A3 | | **IN8R1324** |
| Main switch 3-pole, DIN-rail mounting, 40A, 16kW | LTS40 SMAH1 A3 | | **IN8R1325** |
| Main switch 3-pole, DIN-rail mounting, 63A, 22kW | LTS63 SMAH1 A3 | | **IN8R1327** |
| Main switch 3-pole, DIN-rail mounting, 80A, 22kW | LTS80 SMAH1 A3 | | **IN8R1328** |
| Main switch 3-pole, DIN-rail mounting, 85A, 30kW | LTS85 SMAH1 A3 | | IN8R1329 |
| Main switch 3-pole, DIN-rail mounting, 100A, 37kW | LTS100 SMAH1 A3 | | **IN8R132A** |
| Main switch 3-pole, DIN-rail mounting, 125A, 45kW | LTS125 SMAH1 A3 | | **IN8R132B** |
| **4-Pole, Locking Device SV1** | | | |
| Main switch 4-pole, DIN-rail mounting, 20A, 7.5kW | LTS20 SMAH1 A4 | | **IN8R1422** |
| Main switch 4-pole, DIN-rail mounting, 25A, 10kW | LTS25 SMAH1 A4 | | IN8R1423 |
| Main switch 4-pole, DIN-rail mounting, 32A, 12.5kW | LTS32 SMAH1 A4 | | **IN8R1424** |
| Main switch 4-pole, DIN-rail mounting, 40A, 16kW | LTS40 SMAH1 A4 | | **IN8R1425** |
| Main switch 4-pole, DIN-rail mounting, 63A, 22kW | LTS63 SMAH1 A4 | | **IN8R1427** |
| Main switch 4-pole, DIN-rail mounting, 80A, 22kW | LTS80 SMAH1 A4 | | **IN8R1428** |

## Series B - Accessories for Main and Load Switches



IN809001




IN809003

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **4th Pole for 3-Pole Switches** | | | |
| 4th pole LTS 20 – LTS 40 mounting | N40E | | **IN809002** |
| 4th pole LTS 63 – LTS 80 mounting | N80E | | IN809003 |
| 4th pole LTS 20 – LTS 40 DIN-rail mounting/floor mounting | N40V | | IN809004 |
| 4th pole LTS 63 – LTS 80 DIN-rail mounting/floor mounting | N80V | | IN809005 |
| Auxiliary Contact Block 1NO + 1NC | | | |
| Auxiliary contact block 1NO+1NC | LH11 | | **IN809001** |
| **Terminal Cover 3-Pole** | | | |
| Terminal cover 3 and 4-pole LTS20-40 DIN-rail mounting/floor mounting | KLAD40 | | IN809012 |
| Terminal cover 3-pole for LTS20-40 mounting + all LTS63-80 | KLAD70 | | **IN809013** |
| Terminal cover 3- and 4-poles for LTS85-125 | KLAD125 | | IN809014 |
| **Terminal Cover for 4th Pole** | | | |
| Terminal cover for 4th pole LTS63/85 for supply side | KLAD70N | | IN809015 |
| Terminal cover for 4th pole LTS63/85 for load side | KLAD70NI | | IN809016 |
| **Terminal Cover 4-Pole** | | | |
| Terminal cover 3 and 4-pole LTS20-40 DIN-rail mounting/floor mounting | KLAD40 | | IN809012 |
| Terminal cover 3- and 4-poles for LTS85-125 | KLAD125 | | IN809014 |

## Series B - Cam Switches, On-Off Switches, 4 Hole Panel Mounting, IP65 (IP40)




## Series B - Cam Switches, On-Off Switches with Key, IP65 (IP40)




## Series B - Cam Switches, Voltmeter Selector Switches, 4 Hole Panel Mounting, IP65




## Series B - Cam Switches, Star Delta switch, 4 Hole Panel Mounting, IP65




## Series B - Cam Switches, Voltmeter Selector Switches, Modular, IP40




## Series B - Cam Switches, On-Off Key Switches, Modular, IP40



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Cam Switches

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# Cam Switches

## Series B - Cam Switches, On-Off Switches, 4 Hole Panel Mounting, IP65 (IP40)



IN005120

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Off-switch 1-pole/instrument handle black/20A/0-1 | M10H E A1 | | **IN0E0102B** |
| Off-switch 3-pole/instrument handle black/20A/0-1 | M10H E A3 | | IN0E0302B |
| Off-switch 1-pole/toggle handle blue/20A/0-1 | M10H E A1 | | **IN005120** |
| Off-switch 2-pole/toggle handle blue/20A/0-1 | M10H E A2 | | **IN005220** |
| Off-switch 3-pole/toggle handle blue/20A/0-1 | M10H E A3 | | **IN005320** |
| Off-switch 1-pole/toggle handle blue/20A/OFF-ON | M10H E A1 | | **IN005121** |

## Series B - Cam Switches, On-Off Switches with Key, 4 Hole Panel Mounting, IP65 (IP40)



IN005122

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| On-Off switch with key 1-pole/20A/0-1 | M10H E A1 | | **IN005122** |

## Series B - Cam Switches, Changeover Switches with 0 Position, 4 Hole Panel Mounting, IP65



IN0E31F2B



IN006120

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Changeover switch 1-pole/instrument handle black/20A/HAND-0-AUTO | M10H E U1 | | IN0E31F2B |
| Changeover switch 2-pole/instrument handle black/20A/HAND-0-AUTO | M10H E U2 | | IN0E32F2B |
| Changeover switch 3-pole/instrument handle black/20A/HAND-0-AUTO | M10H E U3 | | **IN0E3302B** |
| Changeover switch 1-pole/toggle handle blue/20A/1-0-2 | M10H E U1 | | **IN006120** |
| Changeover switch 2-pole/toggle handle blue/20A/1-0-2 | M10H E U2 | | **IN006220** |
| Changeover switch 3-pole/toggle handle blue/20A/1-0-2 | M10H E U3 | | **IN006320** |
| Changeover switch 1-pole/toggle handle blue/20A/MAN-0-AUTO | M10H E U1 | | **IN006121** |
| Changeover switch 1-pole/toggle handle blue/20A/HAND-0-AUTO | M10H E U1 | | **IN006122** |
| Changeover switch 2-pole/toggle handle blue/20A/MAN-0-AUTO | M10H E U2 | | **IN006221** |

## Series B - Cam Switches, Changeover Switches without 0 Position, 4 Hole Panel Mounting, IP65



IN007122

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Changeover switch 1-pole/20A/1-2 | M10H E W1 | | **IN007122** |
| Changeover switch 1-pole/20A/MAN-AUTO | M10H E W1 | | **IN007121** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Series B - Cam Switches, Changeover Switches, Momentary, 4 Hole Panel Mounting, IP65



IN004120

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Changeover switch momentary 1-pole/20A/1-0-2 | M10H E UR1 | | **IN004120** |

## Series B - Cam Switches, Start Stop Switches, 4 Hole Panel Mounting, IP65



IN008120

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Switch momentary 1-pole/20A/START | M10H E SE | | **IN008120** |

## Series B - Cam Switches, Step Selector Switches without 0 Position, 4 Hole Panel Mounting



IN003121



IN003122

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Step switch 1-pole, 3 positions/20A/1-2-3 | M10H E ST31 | | **IN003121** |
| Step switch 1-pole, 4 positions/20A/1-2-3-4 | M10H E ST41 | | **IN003122** |
| Step switch 2-pole, 3 positions/20A/1-2-3 | M10H E ST32 | | **IN003123** |
| Step switch 2-pole, 4 positions/20A/1-2-3-4 | M10H E ST42 | | **IN003124** |
| Step switch 3-pole, 4 positions/20A/1-2-3-4 | M10H E ST43 | | IN003125 |
| Step switch 4-pole, 4 positions/20A/1-2-3-4 | M10H E ST44 | | IN003126 |

## Series B - Cam Switches, Star Delta switch, 4 Hole Panel Mounting, IP65



IN108900

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Star delta switch, AC21 32A/AC3 11kW/0-Y-D | N20 E SD | | **IN108900** |

# Cam Switches

## Series B - Cam Switches, Voltmeter Selector Switches, 4 Hole Panel Mounting, IP65



IN009V00

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Voltmeter changeover switch, 3 phase to phase + 3 phase to neutral/20A | M10H E V1 | | **IN009V00** |

## Series B - Cam Switches, A-meter Selector Switches, 4 Hole Panel Mounting, IP65



IN009A00

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Amperemeter changeover switch 1-pole, 3 current transformers/20A/0-1-2-3 | M10H E M31 | | **IN009A00** |

## Series B - Cam Switches, On-Off Switches, Modular, IP40



IN085120

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Off-switch 1-pole/20A/0-1 | M10H SMA A1 | | **IN085120** |
| Off-switch 2-pole/20A/0-1 | M10H SMA A2 | | **IN085220** |
| Off-switch 3-pole/20A/0-1 | M10H SMA A3 | | **IN085320** |

## Series B - Cam Switches, On-Off Key Switches, Modular, IP40



IN085121

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Off-switch with key 1-pole/20A/0-1 | M10H SMA A1 | | **IN085121** |

## Series B - Cam Switches, Changeover Switches with 0 Position, Modular, IP40



IN086120

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Changeover switch 1-pole/20A/1-0-2 | M10H SMA U1 | | **IN086120** |
| Changeover switch 2-pole/20A/1-0-2 | M10H SMA U2 | | **IN086220** |
| Changeover switch 3-pole/20A/HAND-0-AUTO | M10H SMA U3 | | **IN086320** |
| Changeover switch 1-pole/20A/HAND-0-AUTO | M10H SMA U1 | | **IN086121** |
| Changeover switch 1-pole/20A/MAN-0-AUTO | M10H SMA U1 | | **IN086122** |
| Changeover switch 1-pole/20A/TAG-0-NACHT | M10H SMA U1 | | IN086123 |

## Series B - Cam Switches, Changeover Switches without 0 Position, Modular, IP40




IN087320

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Changeover switch 1-pole/20A/1-2 | M10H SMA W1 | | **IN087120** |
| Changeover switch 2-pole/20A/1-2 | M10H SMA W2 | | **IN087220** |
| Changeover switch 3-pole/20A/1-2 | M10H SMA W3 | | **IN087320** |

## Series B - Cam Switches, Step Selector Switches without 0 Position, Modular, IP40




IN083221

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Step switch 1-pole, 3 positions/20A/1-2-3 | M10H SMAST31 | | **IN083120** |
| Step switch 2-pole, 3 positions/20A/1-2-3 | M10H SMAST32 | | **IN083121** |
| Step switch 1-pole, 4 positions/20A/1-2-3-4 | M10H SMAST41 | | **IN083220** |
| Step switch 2-pole, 4 positions/20A/1-2-3-4 | M10H SMAST42 | | IN083221 |

## Series B - Cam Switches, Voltmeter Selector Switches, Modular, IP40




IN009V01

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Voltmeter changeover switch, 3 phase to phase + 3 phase to neutral/20A | M10H SMA V1 | | **IN009V01** |

## Series B - Cam Switches, A-Meter Selector Switches, Modular, IP40




IN009A01

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Amperemeter changeover switch 1-pole, 3 current transformers/20A/0-1-2-3 | M10H SMA M31 | | **IN009A01** |

## Compact Indicator Lights 24V AC / DC




## Double Push Buttons




## Toggle Handles 3 Positions



## Signal Lamps Flat



## Emergency Stop Push Buttons Illuminated



## Push Buttons Illuminated, Flat



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Command and Signalling Devices

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## Series Amparo, Compact Indicator Lights 24V AC / DC



BZ501210-B

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Compact-LED red, 24V AC / DC | | **BZ501210-B** |
| Compact-LED yellow, 24V AC / DC | | **BZ501211-B** |
| Compact-LED blue, 24V AC / DC | | **BZ501212-B** |
| Compact-LED green, 24V AC / DC | | **BZ501213-B** |
| Compact-LED white, 24V AC / DC | | **BZ501214-B** |



BZ501211-B

## Series Amparo, Compact Indicator Lights 230V AC / DC



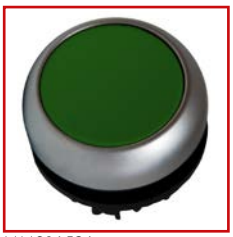
BZ501215-B

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| LED-indicator monobloc red, 230V AC / DC | | **BZ501215-B** |
| LED-indicator monobloc yellow, 230V AC / DC | | **BZ501216-B** |
| LED-indicator monobloc blue, 230V AC / DC | | **BZ501217-B** |
| LED-indicator monobloc green, 230V AC / DC | | **BZ501218-B** |
| LED-indicator monobloc white, 230V AC / DC | | **BZ501219-B** |



BZ501216-B

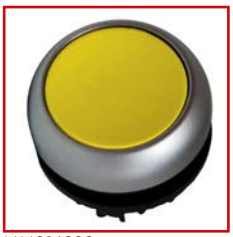
## Series MM - Push Buttons, Flat


MM216596


MM216598

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Momentary** | | | |
| flat, momentary, black | M22-D-S | | **MM216590** |
| flat, momentary, white | M22-D-W | | **MM216592** |
| flat, momentary, red | M22-D-R | | **MM216594** |
| flat, momentary, green | M22-D-G | | **MM216596** |
| flat, momentary, yellow | M22-D-Y | | **MM216598** |
| flat, momentary, blue | M22-D-B | | **MM216600** |
| flat, `0´, momentary, red | M22-D-R-X0 | | **MM216605** |
| flat, `0´, momentary, black | M22-D-S-X0 | | **MM216609** |
| flat, `I´, momentary, green | M22-D-G-X1 | | **MM216607** |
| flat, `I´, momentary, white | M22-D-W-X1 | | **MM216611** |
| flat, momentary, without plate | M22-D-X | | **MM216602** |
| **Latching** | | | |
| flat, latching, black | M22-DR-S | | **MM216613** |
| flat, latching, red | M22-DR-R | | **MM216617** |
| flat, latching, green | M22-DR-G | | **MM216619** |
| flat, latching, white | M22-DR-W | | MM216615 |
| flat, latching, yellow | M22-DR-Y | | MM216621 |
| flat, latching, blue | M22-DR-B | | MM216623 |
| flat, `1´, latching, white | M22-DR-W-X1 | | MM216634 |
| flat, latching, without plate | M22-DR-X | | MM216625 |
| **Series MM - Plates for Push Buttons, Flat** | | | |
| Button plate, flat, with inscription, red with white “0” | M22-XD-R-X0 | | MM218153 |
| Button plate, flat, with inscription, black with white “0” | M22-XD-S-X0 | | MM218154 |
| Button plate, flat, with inscription, green with white "1" | M22-XD-G-X1 | | MM218165 |
| Button plate, flat, with inscription, black with white "1" | M22-XD-S-X1 | | MM218166 |
| Button plate, flat, with inscription, black with white " + " | M22-XD-S-X4 | | **MM218170** |
| Button plate, flat, with inscription, black with white " - " | M22-XD-S-X5 | | **MM218171** |
| Button plate flat, black "Auf" | M22-XD-S-D3 | | MM218185 |
| Button plate flat, black "Ab" | M22-XD-S-D4 | | MM218186 |
| Button plate, flat, with inscription, red with white "Stop" | M22-XD-R-GB0 | | MM218194 |
| Plate for Push-button, black "Arrow" | M22-XD-S-X7 | | **MM218173** |
| Button plate, flush, black | M22-XD-S | | MM216421 |
| Button plate, flush, white | M22-XD-W | | MM216422 |
| Button plate, flush, red | M22-XD-R | | MM216423 |
| Button plate, flush, green | M22-XD-G | | MM216424 |
| Button plate, flush, yellow | M22-XD-Y | | MM216425 |
| Button plate, flush, blue | M22-XD-B | | MM216426 |

## Series MM - Push Buttons Illuminated, Flat



MM216929



MM216931

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Momentary** | | | |
| flat, momentary, white | M22-DL-W | | **MM216922** |
| flat, momentary, red | M22-DL-R | | **MM216925** |
| flat, momentary, green | M22-DL-G | | **MM216927** |
| flat, momentary, yellow | M22-DL-Y | | **MM216929** |
| flat, momentary, blue | M22-DL-B | | **MM216931** |
| flat, momentary, red, `0´ | M22-DL-R-X0 | | **MM216936** |
| flat, momentary, green, `I´ | M22-DL-G-X1 | | **MM216938** |
| flat, momentary, white, `0´ | M22-DL-W-X0 | | **MM216940** |
| flat, momentary, white, `I´ | M22-DL-W-X1 | | **MM216942** |
| flat, momentary, without plate | M22-DL-X | | **MM216933** |
| **Latching** | | | |
| flat, latching, white | M22-DRL-W | | **MM216944** |
| flat, latching, red | M22-DRL-R | | **MM216946** |
| flat, latching, green | M22-DRL-G | | **MM216948** |
| flat, latching, yellow | M22-DRL-Y | | **MM216950** |
| flat, latching, blue | M22-DRL-B | | **MM216952** |
| flat, latching, red, `0´ | M22-DRL-R-X0 | | MM216957 |
| flat, latching, green, `I´ | M22-DRL-G-X1 | | MM216959 |
| flat, latching, without plate | M22-DRL-X | | MM216954 |
| **Plates for Illuminated Push Buttons, Flat** | | | |
| Lens for illuminated Push-button White | M22-XDL-W | | MM216441 |
| Lens for illuminated Push-button red | M22-XDL-R | | MM216442 |
| Lens for illuminated Push-button green | M22-XDL-G | | MM216443 |
| Lens for illuminated Push-button yellow | M22-XDL-Y | | MM216444 |
| Lens for illuminated Push-button blue | M22-XDL-B | | MM216445 |
| Lens for illuminated Push-button individual | M22-XDL-*-* | | MM216446 |

## Series MM - Double Push Buttons




MM216702



MM216704

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| illuminated, red / green, momentary | M22-DDL-GR | | **MM216698** |
| illuminated, red / green,'0/1', momentary | M22-DDL-GR-X1/X0 | | **MM216700** |
| illuminated, red / green, 'STOP/START', momentary | M22-DDL-GR-GB1/GB0 | | **MM216702** |
| illuminated, black / white, momentary | M22-DDL-WS | | **MM216704** |
| illuminated, black / white, '0/1', momentary | M22-DDL-WS-X1/X0 | | **MM216706** |
| illuminated, black / white, 'STOP/START', momentary | M22-DDL-WS-GB1/GB0 | | **MM216708** |
| illuminated, black / black, 'ARROWS', momentary | M22-DDL-S-X7/X7 | | **MM216710** |
| Illuminated black / black, "+/-" | M22-DDL-S-X4/X5 | | **MM218145** |

## Series MM - Signal Lamps Flat


MM216772


MM216773

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Signal Lamps Flat** | | | |
| flat, white | M22-L-W | | **MM216771** |
| flat, red | M22-L-R | | **MM216772** |
| flat, green | M22-L-G | | **MM216773** |
| flat, yellow | M22-L-Y | | **MM216774** |
| flat, blue | M22-L-B | | **MM216775** |
| flat, without lens | M22-L-X | | MM216776 |
| **Plates for Signal Lamps Flat** | | | |
| Lens, indicator light, flush, blank | M22-XL-W | | MM216453 |
| Lens, indicator light, flush, red | M22-XL-R | | MM216454 |
| Lens, indicator light, flush, green | M22-XL-G | | MM216455 |
| Lens, indicator light, flush, yellow | M22-XL-Y | | MM216456 |
| Lens, indicator light, flush, blue | M22-XL-B | | MM216457 |

## Series MM - Mushroom Push Buttons, D = 40mm


MM216714


MM216716

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Momentary** | | | |
| momentary, black | M22-DP-S | | **MM216712** |
| momentary, red | M22-DP-R | | **MM216714** |
| momentary, green | M22-DP-G | | **MM216716** |
| momentary, green `1´ | M22-DP-G-X1 | | MM216722 |
| momentary, green | M22-DP-G-X | | MM216734 |
| momentary, yellow | M22-DP-Y | | MM216718 |
| momentary, red `0´ | M22-DP-R-X0 | | MM216720 |
| **Latching** | | | |
| latching, black | M22-DRP-S | | **MM216743** |
| latching, red | M22-DRP-R | | **MM216745** |
| latching, green | M22-DRP-G | | MM216747 |
| latching, yellow | M22-DRP-Y | | MM216749 |
| latching, red `0´ | M22-DRP-R-X0 | | MM216751 |
| latching, black, without label | M22-DRP-S-X | | MM216759 |
| **Plates for Mushroom Push Buttons, D=40mm** | | | |
| Button plate red | M22-XDP-R | | MM216437 |
| Button plate, special order, individual | M22-XDP-*-* | | MM216440 |



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## Series MM - Emergency Stop Push Buttons Latching, D = 40mm



MM216876

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Pull to Release** | | | |
| Emergency stop button | M22-PV | | **MM216876** |
| **Turn to Release** | | | |
| Emergency stop button, non-illuminated, red, unlatched | M22-PVT | | **MM263467** |

## Series MM - Emergency Stop Push Buttons Illuminated, Latching, D = 40mm



MM216878

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Pull to Release** | | | |
| Emergency stop button, illuminated | M22-PVL | | **MM216878** |
| **Turn to Release** | | | |
| Emergency stop button, illuminated, red, unlatched | M22-PVLT | | **MM263469** |

## Series MM - Emergency Stop Push Buttons Latching, with Key, D = 40mm



MM216879

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Emergency stop button, key-operated | M22-PVS | | **MM216879** |

## Series MM - Emergency Stop Push Buttons, Accessories




MM216471




MM216483



MM216416

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Emergency stop label 33 x 50mm, yellow, plain | M22-XZK | | MM216470 |
| Emergency stop label, 60mm dia, yellow, 4 languages | M22-XBK1 | | **MM216483** |
| Emergency stop label, 50 x 50mm, yellow, 4 languages | M22-XYK1 | | **MM216484** |
| Emergency stop label, 90mm dia, yellow, plain | M22-XAK | | **MM216464** |
| Emergency stop label, 90mm dia, 4 languages | M22-XAK1 | | **MM216465** |
| Spare key MS1 Standard | M22-ES-MS1 | | **MM216416** |
| Emergency stop label 33 x 50mm, yellow, NOT-AUS | M22-XZK-D99 | | **MM216471** |
| Emergency stop label, 33 x 50mm, yellow, Emergency-Stop | M22-XZK-GB99 | | **MM216472** |

## Series MM - Toggle Handles 2 Positions


MM216867

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Momentary** | | | |
| 2 positions, momentary, 40°, toggle handle | M22-WK | | MM216865 |
| **Latching** | | | |
| 2 positions, latching, 60°, toggle handle | M22-WRK | | MM216867 |
| 2 positions, latching, V-position 60°, toggle handle | M22-WKV | | MM216874 |

## Series MM - Toggle Handles 3 Positions


MM216870

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Momentary** | | | |
| 3 positions, momentary, 40°, toggle handle | M22-WK3 | | MM216870 |
| **Latching** | | | |
| 3 positions, latching, 60°, toggle handle | M22-WRK3 | | MM216872 |

## Series MM - Toggle Handles Illuminated, 2 Positions


MM216814


MM216816

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Momentary** | | | |
| 2 positions, momentary, white, toggle handle | M22-WLK-W | | MM216812 |
| 2 positions, momentary, red, toggle handle | M22-WLK-R | | MM216814 |
| 2 positions, momentary, green, toggle handle | M22-WLK-G | | MM216816 |
| 2 positions, momentary, yellow, toggle handle | M22-WLK-Y | | MM216818 |
| **Latching** | | | |
| 2 positions, latching, white, toggle handle | M22-WRLK-W | | MM216823 |
| 2 positions, latching, red, toggle handle | M22-WRLK-R | | MM216825 |
| 2 positions, latching, green, toggle handle | M22-WRLK-G | | MM216827 |
| 2 positions, latching, yellow, toggle handle | M22-WRLK-Y | | MM216829 |
| 2 positions, latching, blue, toggle handle | M22-WRLK-B | | MM216831 |

## Series MM - Toggle Handles Illuminated, 3 Positions


MM216847


MM216833

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Momentary** | | | |
| 3 positions, momentary, white, toggle handle | M22-WLK3-W | | MM216833 |
| 3 positions, momentary, red, toggle handle | M22-WLK3-R | | MM216835 |
| 3 positions, momentary, green, toggle handle | M22-WLK3-G | | MM216837 |
| **Latching** | | | |
| 3 positions, latching, white, toggle handle | M22-WRLK3-W | | MM216843 |
| 3 positions, latching, red, toggle handle | M22-WRLK3-R | | MM216845 |
| 3 positions, latching, green, toggle handle | M22-WRLK3-G | | MM216847 |
| 3 positions, latching, yellow, toggle handle | M22-WRLK3-Y | | MM216849 |
| 3 positions, latching, blue, toggle handle | M22-WRLK3-B | | MM216851 |

## Series MM - Rotary Knobs 2 Positions



MM216853

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Momentary** | | | |
| 2 positions, momentary, `I/0´, 40°, rotary head | M22-W | | MM216853 |
| **Latching** | | | |
| 2 positions, latching, `I/0´, 60°, rotary head | M22-WR | | **MM216855** |
| 2 positions, latching, `I/II´, 60°rotary head | M22-WR-X92 | | MM216857 |

## Series MM - Rotary Knobs 3 Positions



MM216861

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Momentary** | | | |
| 3 positions, momentary, 'I/0/II´, 40°, rotary head | M22-W3 | | MM216861 |
| **Latching** | | | |
| 3 positions, latching, `I-0-II´, 60°, rotary head | M22-WR3 | | **MM216863** |

## Series MM - Potentiometers



MM229491

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Potentiometer 1kOhm | M22-R1K | | **MM229489** |
| Potentiometer 4.7kOhm | M22-R4K7 | | **MM229490** |
| Potentiometer 10kOhm | M22-R10K | | **MM229491** |
| Potentiometer 47kOhm | M22-R47K | | **MM229492** |
| Potentiometer 100kOhm | M22-R100K | | **MM229493** |
| Potentiometer 470kOhm | M22-R470K | | MM229494 |

## Series MM - Key Switches 2 Positions



MM216881

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Momentary** | | | |
| 2 positions, momentary, 40° | M22-WS | | **MM216881** |
| **Latching** | | | |
| 2 positions, latching, 60° | M22-WRS | | **MM216887** |
| **Accessories** | | | |
| Spare key MS1 Standard | M22-ES-MS1 | | **MM216416** |

## Series MM - Key Switches 3 Positions



MM216894

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Momentary** | | | |
| 3 positions, momentary, 40° | M22-WS3 | | **MM216894** |
| **Latching** | | | |
| 3 positions, latching, 60° | M22-WRS3 | | **MM216900** |
| **Accessories** | | | |
| Spare key MS1 Standard | M22-ES-MS1 | | **MM216416** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Series MM - Joysticks



MM279417

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Joystick** | | | |
| Joystick, 4 positions, momentary, titan ring | M22-WJ4 | | **MM279417** |
| Joystick 2 positions momentary vertical | M22-WJ2V | | **MM289196** |
| Joystick 2 positions latching vertical | M22-WRJ2V | | MM289240 |
| **Accessories** | | | |
| Label-carrier + label, for individual inscription | M22-XCK-* | | MM279436 |

## Series MM - Acoustic Indicators



MM229015



MM229025

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Housing for buzzer, empty, black for MM229025 and MM229029 | M22-AMC | | **MM229015** |
| Buzzer, continuous tone, 18 - 30V AC / DC, BA9s | M22-XAM | | **MM229025** |
| Buzzer, pulse tone, 24V DC, BA9s | M22-XAMP | | **MM229028** |

## Series MM - Mounting Adapters



MM216374

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Adapter (front) | M22-A | | **MM216374** |
| Adapter front for joysticks | M22-A4 | | **MM279437** |



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## Series MM - Contact Blocks



MM216376



MM216378



MM216380

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Front Mounting to Adapter** | | | |
| NO contact block, front montage | M22-K10 | | **MM216376** |
| NC contact block, front montage | M22-K01 | | **MM216378** |
| NO contact block front montage cage clamp | M22-CK10 | | **MM216384** |
| NC contact block front montage cage clamp | M22-CK01 | | **MM216385** |
| **Front Mounting to Adapter - Double Contacts Cage Clamp** | | | |
| Double NO contact, Cage clamp | M22-CK20 | | **MM107898** |
| Double NC contact, Cage clamp | M22-CK02 | | **MM107899** |
| NO+NC, Cage clamp | M22-CK11 | | **MM107940** |
| **Floor Mounting in Enclosure to Adapter** | | | |
| NO contact block base montage | M22-KC10 | | **MM216380** |
| NC contact block base montage | M22-KC01 | | **MM216382** |
| NO contact block base montage cage clamp | M22-CKC10 | | **MM216386** |
| NC contact block base montage cage clamp | M22-CKC01 | | **MM216387** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Series MM - LEDs



MM216557



MM216560

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **LEDs for Front Mounting** | | | |
| White LED unit 18 - 30V AC / DC front mounting | M22-LED-W | | **MM216557** |
| Red LED unit 18 - 30V AC / DC front mounting | M22-LED-R | | **MM216558** |
| Green LED unit 18 - 30V AC / DC front mounting | M22-LED-G | | **MM216559** |
| LED 12 - 30V AC / DC blue front | M22-LED-B | | **MM218057** |
| White LED unit 18 - 30V AC / DC front cage clamp | M22-CLED-W | | **MM216569** |
| Red LED unit 18 - 30V AC / DC front cage clamp | M22-CLED-R | | **MM216570** |
| Green LED unit 18 - 30V AC / DC front cage clamp | M22-CLED-G | | **MM216571** |
| LED 12 - 30V AC / DC blue front cage clamp | M22-CLED-B | | **MM218061** |
| White LED unit 85 - 264V AC front mounting | M22-LED230-W | | **MM216563** |
| Red LED unit 85 - 264V AC front mounting | M22-LED230-R | | **MM216564** |
| Green LED unit 85 - 264V AC front mounting | M22-LED230-G | | **MM216565** |
| LED 85 - 264V AC blue front | M22-LED230-B | | **MM218059** |
| White LED unit 85 - 264V AC front cage clamp | M22-CLED230-W | | **MM216575** |
| Red LED unit 85 - 264V AC front cage clamp | M22-CLED230-R | | **MM216576** |
| Green LED unit 85 - 264V AC front cage clamp | M22-CLED230-G | | **MM216577** |
| LED 85 - 264V AC blue front cage clamp | M22-CLED230-B | | MM218063 |
| **LEDs for Floor Mounting** | | | |
| White LED unit 18 - 30V AC / DC base mounting | M22-LEDC-W | | **MM216560** |
| Red LED unit 18 - 30V AC / DC base mounting | M22-LEDC-R | | **MM216561** |
| Green LED unit 18 - 30V AC / DC base mounting | M22-LEDC-G | | **MM216562** |
| LED 12 - 30V AC / DC blue base | M22-LEDC-B | | **MM218058** |
| White LED unit 18 - 30V AC / DC base cage clamp | M22-CLEDC-W | | **MM216572** |
| Green LED unit 18 - 30V AC / DC base cage clamp | M22-CLEDC-G | | **MM216574** |
| Red LED unit 18 - 30V AC / DC base cage clamp | M22-CLEDC-R | | MM216573 |
| LED 12 - 30V blue base cage clamp | M22-CLEDC-B | | MM218062 |
| White LED unit 85 - 264V AC base mounting | M22-LEDC230-W | | **MM216566** |
| Red LED unit 85 - 264V AC base mounting | M22-LEDC230-R | | **MM216567** |
| Green LED unit 85 - 264V AC base mounting | M22-LEDC230-G | | **MM216568** |
| LED 85 - 264V AC blue base | M22-LEDC230-B | | MM218060 |
| LED 85 - 264V AC white, floor cage clamp | M22-CLEDC230-W | | **MM216578** |
| Red LED unit 85 - 264V AC base cage clamp | M22-CLEDC230-R | | **MM216579** |
| Green LED unit 85 - 264V AC base cage clamp | M22-CLEDC230-G | | MM216580 |
| **LED Accessories** | | | |
| LED test element 12 - 30V AC / DC | M22-XLED-T | | **MM231079** |
| LED test element 85 - 264V AC | M22-XLED230-T | | **MM231080** |
| LED series contact element 42 - 60V AC / DC | M22-XLED-60 | | MM231078 |
| LED series element 220V AC / DC | M22-XLED220 | | MM271541 |

## Series MM - Label and Label Holders



MM216480




MM216489




MM216490




MM216501

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Legend plate holder, without plate 30 x 50mm | M22S-ST-X | | **MM216392** |
| Legend plate holder for twin PB black, without plate 30 x 75mm | M22S-STDD-X | | **MM216394** |
| Label, 18 x 27 mm aluminium blank | M22-XST | | **MM216480** |
| Label Plate with Label 30 x 50, 0 I | M22S-ST-X88 | | **MM216485** |
| Label Plate with Label 30 x 50, I 0 II | M22S-ST-X93 | | **MM216486** |
| Label Plate with Label 30 x 50, EIN | M22S-ST-D6 | | MM216487 |
| Label Plate with Label 30 x 50, BETRIEB | M22S-ST-D7 | | **MM216488** |
| Label Plate with Label 30 x 50, STÖRUNG | M22S-ST-D8 | | **MM216489** |
| Label Plate with Label 30 x 50, AUS EIN | M22S-ST-D10 | | MM216490 |
| Label Plate with Label, HAND AUTO | M22S-ST-D11 | | MM216492 |
| Label Plate with Label, HAND 0 AUTO | M22S-ST-D12 | | **MM216493** |
| Label Plate with Label, STOP | M22S-ST-GB0 | | **MM216494** |
| Label Plate with Label, START | M22S-ST-GB1 | | **MM216495** |
| Label Plate with Label 30 x 50, ON | M22S-ST-GB6 | | MM216496 |
| Label Plate with Label 30 x 50, RUN | M22S-ST-GB7 | | MM216497 |
| Label Plate with Label 30 x 50, FAULT | M22S-ST-GB8 | | MM216498 |
| Label Plate with Label 30 x 50, OFF ON | M22S-ST-GB10 | | **MM216499** |
| Label Plate with Label, MAN AUTO | M22S-ST-GB11 | | MM216500 |
| Label Plate with Label, MAN 0 AUTO | M22S-ST-GB12 | | **MM216501** |
| Holder + label 30 x 50mm "Aus" | M22S-ST-D5 | | MM218299 |
| Holder + label 30 x 50mm "Off" | M22S-ST-GB5 | | MM218300 |

## Series MM - Accessories


MM216398


MM216400


MM216402


MM216395

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Telescopic clip | M22-TC | | MM216398 |
| IVS DIN rail adapter | M22-IVS | | **MM216400** |
| Diaphragm, flat push-button+indication light | M22-T-D | | **MM216395** |
| Diaphragm for double push-button | M22-T-DD | | **MM216396** |
| Sealable shroud | M22-PL-PV | | **MM216397** |
| Emergency-Stop protective collar | M22-XGPV | | **MM231273** |
| Selector switch protective shroud | M22-XGWK | | MM231274 |
| Protective collar, grey | M22G-XGPV | | **MM271610** |
| Coding adapter set (1 Set = 1red + 1green) | M22-XC-R | | **MM216406** |
| 2 coding adapters (to change from latching to momentary) | M22-XC-Y | | **MM216407** |
| Plunger Bridge | M22-XW | | **MM216405** |
| Spare locking ring M22 x 1.5mm | M22-GR | | MM216401 |
| Mounting tool | M22-MS | | **MM216402** |
| 2 reducing adapter rings (from 30 to 22.3mm bore) | M22S-R30 | | **MM216408** |
| Blanking plug, black | M22S-B | | **MM216390** |
| Blanking plug, grey | M22-B | | **MM216388** |

## Series MM - Surface Enclosures Black / Grey


MM216538


MM222688

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Surface mounting enclosure, 1 hole, black / light grey | M22-I1 | | **MM216535** |
| Surface mounting enclosure, 2 holes, black / light grey | M22-I2 | | **MM216537** |
| Surface mounting enclosure, 3 holes, black / light grey | M22-I3 | | **MM216538** |
| Surface mounting enclosure, 4 holes, black / light grey | M22-I4 | | **MM216539** |
| Surface mounting enclosure, 6 holes, black / light grey | M22-I6 | | **MM216540** |
| Surface mounting enclosure, 12 holes, black / light grey | M22-I12 | | **MM222688** |



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## CoolSplice Terminals



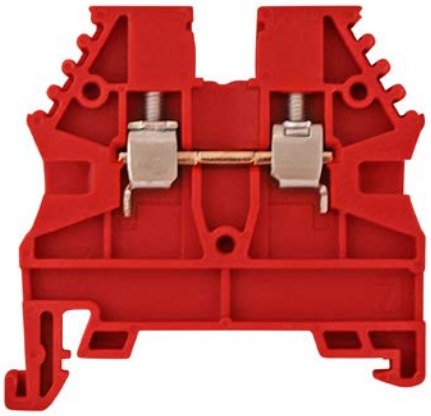
## Insulated Aluminium Copper Mains Terminals



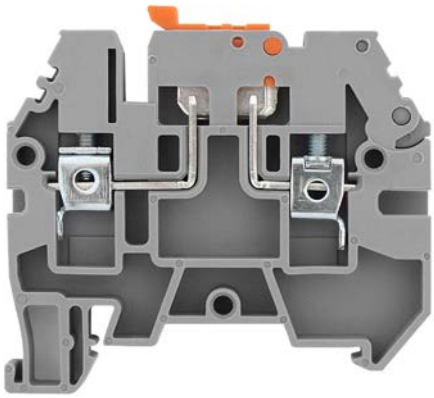

## Easy Connection Box



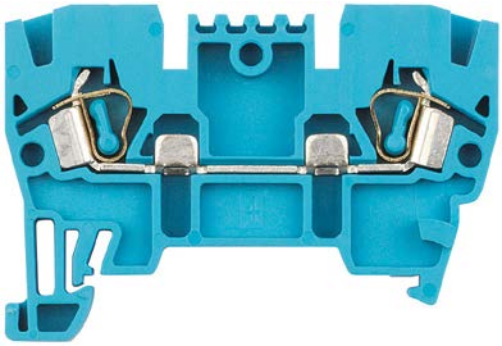

## Screw Clamp Terminals



## Disconnect Terminals



## Spring Clamp Terminals



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Terminals

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## Insulated Aluminium Copper Mains Terminals



IK021220

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Single 50 mm²** | | |
| Grey, 1 pole 50mm² | | IKA21310 |
| Blue, 1 pole 50mm² | | IKA21320 |
| Green, 1 pole 50mm² | | IKA21330 |
| Brown, 1 pole 50mm² | | IKA21340 |
| Black, 1 pole 50mm² | | IKA21350 |
| **Double 50 mm²** | | |
| Grey, 1 pole Double 50mm² | | IKA21316 |
| Blue, 1 pole Double 50mm² | | IKA21326 |
| Green, 1 pole Double 50mm² | | IKA21336 |
| Brown, 1 pole Double 50mm² | | IKA21346 |
| Black, 1 pole Double 50mm² | | IKA21356 |
| **Single 95 mm²** | | |
| Grey, 1 pole 95mm² | | IKA21410 |
| Blue, 1 pole 95mm² | | IKA21420 |
| Green, 1 pole 95mm² | | IKA21430 |
| Brown, 1 pole 95mm² | | IKA21440 |
| Black, 1 pole 95mm² | | IKA21450 |
| **Double 95 mm²** | | |
| Grey, 1 pole Double 95mm² | | IKA21416 |
| Blue, 1 pole Double 95mm² | | IKA21426 |
| Green, 1 pole Double 95mm² | | IKA21436 |
| Brown, 1 pole Double 95mm² | | IKA21446 |
| Black, 1 pole Double 95mm² | | IKA21456 |
| **Single 185 mm²** | | |
| Grey, 1 pole 185mm² | | IKA21510 |
| Blue, 1 pole 185mm² | | IKA21520 |
| Green, 1 pole 185mm² | | IKA21530 |
| Brown, 1 pole 185mm² | | IKA21540 |
| Black, 1 pole 185mm² | | IKA21550 |
| **Double 185 mm²** | | |
| Grey, 1 pole Double 185mm² | | IKA21516 |
| Blue, 1 pole Double 185mm² | | IKA21526 |
| Green, 1 pole Double 185mm² | | IKA21536 |
| Brown, 1 pole Double 185mm² | | IKA21546 |
| Black, 1 pole Double 185mm² | | IKA21556 |
| **Single 300 mm²** | | |
| Grey, 1 pole 300mm² | | IKA21710 |
| Blue, 1 pole 300mm² | | IKA21720 |
| Green, 1 pole 300mm² | | IKA21730 |
| Brown, 1 pole 300mm² | | IKA21740 |
| Black, 1 pole 300mm² | | IKA21750 |
| **Double 300 mm²** | | |
| Grey, 1 pole Double 300mm² | | IKA21716 |
| Blue, 1 pole Double 300mm² | | IKA21726 |
| Green, 1 pole Double 300mm² | | IKA21736 |
| Brown, 1 pole Double 300mm² | | IKA21746 |
| Black, 1 pole Double 300mm² | | IKA21756 |

## Insulated N and PE Terminals



IK021220

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Insulated PE terminal, 15 outgoings terminals | | **IK021039I** |
| Insulated neutral terminal, 15 outgoings terminals | | **IK021038I** |
| Insulated PE terminal, 7 outgoings terminals | | **IK021037I** |
| Insulated neutral terminal, 7 outgoings terminals | | **IK021036I** |

## N and PE Terminals



IK021039

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| PE terminal, 15 outgoing terminals | | **IK021039** |
| Neutral terminal, 15 outgoing terminals | | **IK021038** |
| PE terminal, 7 outgoing terminals | | **IK021037** |
| Neutral terminal, 7 outgoing terminals | | **IK021036** |
| PE/N Terminal screw-on | | BK004405 |

## Easy Connection Box



IK021078

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Blue, 2 x 25 mm², 14 x 6 mm² | | **IK021078** |
| Green, 2 x 25 mm², 14 x 6 mm² | | **IK021079** |
| Blue/green, 1 x 25 mm², 7 x 6 mm² | | **IK021080** |
| White (blank), 2 x 25 mm², 14 x 6 mm² | | **IK021081** |

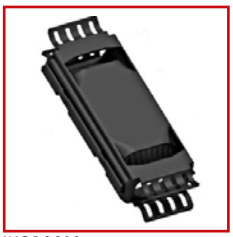
## CoolSplice Gel Terminals



IKG40250

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CoolSplice Connector 0,75 - 1,5 mm² and 1,5 - 2,5 mm² | | **IKG25150** |
| CoolSplice Connector 1,5 - 2,5 mm² and 2,5 - 4 mm² | | **IKG40250** |

## Gel Boxes



IKGB0010

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Gel Junctionbox, IP68, 100x37x24 mm | | **IKGB0000** |
| Gel Junctionbox, IP68, 139x51x24 mm | | **IKGB0010** |
| Gel Junctionbox, IP68, 180x63x39 mm | | **IKGB0015** |
| Gel Junctionbox, IP68, 233x78x40 mm | | **IKGB0020** |
| Gel Junctionbox, IP68, 313x90x47 mm | | **IKGB0030** |

## Screw Clamp Terminals


IK600002


IK601002


IK608002


IK608012

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Grey** | | |
| 2.5 mm² | | **IK600002** |
| 4 mm² | | **IK600004** |
| 6 mm² | | **IK600006** |
| 10 mm² | | **IK600010** |
| 16 mm² | | **IK600016-A** |
| 35 mm² | | **IK600035-A** |
| 70 mm² | | **IK600070** |
| **Blue** | | |
| 2.5 mm² | | **IK601002** |
| 4 mm² | | **IK601004** |
| 6 mm² | | **IK601006** |
| 10 mm² | | **IK601010** |
| 16 mm² | | **IK601016-A** |
| 35 mm² | | **IK601035-A** |
| 70 mm² | | **IK601070** |
| **Red** | | |
| 2.5 mm² | | **IK608002** |
| 4 mm² | | **IK608004** |
| 10 mm² | | **IK608010** |
| **Orange** | | |
| 2.5 mm² | | **IK608012** |
| 4 mm² | | **IK608014** |

## Screw Clamp Terminals

| |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|
| Type | **AVK 2.5** | **AVK 4** | **AVK 6** | **AVK 10** | **AVK 16** | **AVK 35 RD** | **AVK 70 RD** |
| **Cross section** | | | | | | | |
| Cross section | 2.5 mm² | 4 mm² | 6 mm² | 10 mm² | 16 mm² | 35 mm² | 70 mm² |
| Max. rigid | 0.5 - 4 mm² | 0.5 - 6 mm² | 0.5 - 10 mm² | 1.5 - 16 mm² | 1.5 - 16 mm² | 6 - 50 mm² | 16 - 70 mm² |
| Max. flexible (f) | 1.5 - 2.5 mm² | 1.5 - 4 mm² | 1.5 - 6 mm² | 1.5 - 10 mm² | 1.5 - 16 mm² | 10 - 35mm² | 16 - 70 mm² |
| Insulation stripping length (mm) | 10 mm | 10 mm | 10 mm | 12 mm | 16 mm | 18 mm | 24 mm |
| Thickness of terminals (mm) | 5 | 6 | 8 | 10 | 12 | 16 | 22 |
| Dimensions (HxWxD) in mm | 44.2 x 5 x 44.5 | 44.2 x 6 x 44.5 | 44.2 x 8 x 44.5 | 44.2 x 10 x 44.5 | 50 x 12 x 55.5 | 52.8 x 16 x 63.3 | 80 x 22 x 88.7 |
| Tightening torque min. (Nm) | 0.4 | 0.5 | 0.8 | 1.2 | 1.2 | 2.5 | Tightening torque 6 Nm |
| Tightening torque max. (Nm) | 0.6 | 0.8 | 1.2 | 1.8 | 2.0 | 3.5 | |
| Rated voltage (V) | 750 | 750 | 630 | 630 | 750 | 1000 | 1000 |
| Maximum current (A) | 24 | 32 | 41 | 57 | 76 | 125 | 192 |
| **Article number** | | | | | | | |
| Terminal grey | **IK600002** | **IK600004** | **IK600006** | **IK600010** | **IK600016-A** | **IK600035-A** | **IK600070** |
| Terminal blue | **IK601002** | **IK601004** | **IK601006** | **IK601010** | **IK601016-A** | **IK601035-A** | **IK601070** |
| Terminal red | **IK608002** | **IK608004** | - | - | - | - | - |
| Terminal orange | **IK608012** | **IK608014** | - | - | - | - | - |
| Terminal green/yellow | - | - | - | - | - | - | - |
| **End section** | | | | | | | |
| End section grey | **IK600210** | | | | **IK600216** | - | - |
| End section blue | **IK601210** | | | | **IK601216** | - | - |
| End section red | **IK608201** | | - | - | - | - | - |
| End section orange | **IK608202** | | - | - | - | - | - |
| End section green/yellow | - | - | - | - | - | - | - |
| **Partition plate** | | | | | | | |
| Partition plate red | **IK608210** | | | | **IK608216** | - | - |
| **Cross connection** | | | | | | | |
| Cross connection for 2 terminals | **IK600522** | **IK600532** | **IK600542** | **IK600552** | **IK600562** | **IK600572** | - |
| Cross connection for 10 terminals | **IK600529** | **IK600539** | **IK600549** | - | - | - | - |
| **End bracket** | | | | | | | |
| End bracket screw version | **IK623001** | | | | | | |
| End bracket snap-on version | **IK623000** | | | | | | |
| **Marking Tag** | | | | | | | |
| Horizontal labels | DY 5 | DY 5 | DY 5 | DY 5 | DY 5 | DY 5 | DY 5 |
| Vertical labels | - | - | DY 10 / 6.5 | DY 10 / 6.5 | DY 10 / 6.5 | DY 10 / 6.5 | DY 10 / 6.5 |
| **Technical data** | | | | | | | |
| Type | **AVK 2.5** | **AVK 4** | **AVK 6** | **AVK 10** | **AVK 16** | **AVK 35 RD** | **AVK 70 RD** |
| **Characteristics** | | | | | | | |
| Voltage / current / cross section | 750 V ~ / 24 A / 2.5 mm² | 750 V ~ / 32 A / 4 mm² | 630 V ~ / 41 A / 6 mm² | 630 V ~ / 57 A / 10 mm² | 750 V ~ / 76 A / 16 mm² | 1000 V ~ / 125 A / 35 mm² | 1000 V ~ / 192 A / 70 mm² |
| VDE (IEC 60947-7-1) | 750 V ~ / 24 A / 2.5mm² | 750 V ~ / 32 A / 4 mm² | 630 V ~ / 23 A / 6 mm² | 630 V ~ / 57 A / 10 mm² | 750 V ~ / 76 A / 16 mm² | - | - |
| UL / CSA | 600 V ~ / 20 A / AWG 26-12 | 600 V ~ / 30 A / AWG 26-10 | 600 V ~ / 50 A / AWG 26-8 | 600 V ~ / 65 A / AWG 16-6 | 600 V ~ / 85 A / AWG 12-4 | - | - |
| **Dimensions** | | | | | | | |
| Width | 5 mm | 6 mm | 8 mm | 10 mm | 12 mm | 16 mm | 22 mm |
| Height | 44.2 mm | 44.2 mm | 44.2 mm | 44.2 mm | 50 mm | 52.8 mm | 80 mm |
| Depth (with 7.5mm bus bar) | 44.5 mm | 44.5 mm | 44.5 mm | 44.5 mm | 55.5 mm | 63.3 mm | 88.7 mm |

## Protective Earth Screw Clamp Terminals Green/Yellow



IK622002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 2.5 - 4 mm² | | IK622002 |
| 6 - 10 mm² | | IK622010 |
| 16 mm² | | IK622016-A |
| 35 mm² | | IK622035-A |

| |  |  |  |  |
|---|---|---|---|---|
| Type | **AVK 2.5 / 4 T** | **AVK 6 / 10 T** | **AVK 16 T RD** | **AVK 35 T RD** |
| **Cross section** | | | | |
| Cross section | 2.5 - 4 mm² | 6 - 10 mm² | 16 mm² | 35 mm² |
| Max. rigid | 0.5 - 6 mm² | 1.5 - 16 mm² | 1.5 - 25 mm² | 1.5 - 50 mm² |
| Max. flexible (f) | 0.5 - 6 mm² | 1.5 - 10 mm² | 1.5 - 25mm² | 1.5 - 35mm² |
| Insulation stripping length (mm) | 10 mm | 12 mm | 16 mm | 18 mm |
| Thickness of terminals (mm) | 6 | 10 | 12 | 16 |
| Dimensions (HxWxD) in mm | 42 x 6 x 44.5 | 42 x 10 x 44.5 | 52.8 x 12 x 58.7 | 52.8 x 16 x 58.7 |
| Tightening torque min. (Nm) | Tightening torque 0.5 / 0.8 | Tightening torque 1.2 | 1.2 | 2.5 |
| Tightening torque max. (Nm) | | | 2.0 | 3.5 |
| Rated voltage (V) | - | - | - | - |
| Maximum current (A) | - | - | - | - |
| **Article number** | | | | |
| Terminal grey | - | - | - | - |
| Terminal blue | - | - | - | - |
| Terminal red | - | - | - | - |
| Terminal orange | - | - | - | - |
| Terminal green/yellow | **IK622002** | **IK622010** | **IK622016-A** | **IK622035-A** |
| **End section** | | | | |
| End section grey | - | - | - | - |
| End section blue | - | - | - | - |
| End section red | - | - | - | - |
| End section orange | - | - | - | - |
| End section green/yellow | - | - | - | - |
| **Partition plate** | | | | |
| Partition plate red | **IK608210** | | - | - |
| **Cross connection** | | | | |
| Cross connection for 2 terminals | - | - | - | - |
| Cross connection for 10 terminals | - | - | - | - |
| **End bracket** | | | | |
| End bracket screw version | **IK623001** | | | |
| End bracket snap-on version | **IK623000** | | | |
| **Marking Tag** | | | | |
| Horizontal labels | DY 5 | DY 5 | DY 5 | DY 5 |
| Vertical labels | - | DY 10/6.5 | DY 10/6.5 | DY 10/6.5 |
| **Technical data** | | | | |
| Type | **AVK 2.5 / 4 T** | **AVK 6 / 10 T** | **AVK 16 T RD** | **AVK 35 T RD** |
| **Characteristics** | | | | |
| Voltage / current / cross section | - V ~ / - A / 2.5 mm² | - V ~ / - A / 10 mm² | - V ~ / - A / 35 mm² | - V ~ / - A / 35 mm² |
| VDE (IEC 60947-7-1) | - V ~ / - A / 2.5 mm² | - V ~ / - A / 10 mm² | - V ~ / - A / 35 mm² | - V ~ / - A / 35 mm² |
| UL / CSA | AWG 26-10 | AWG 16-8 | AWG 12-4 | AWG 12-2 |
| **Dimensions** | | | | |
| Width | 6 mm | 10 mm | 12 mm | 12 mm |
| Height | 42 mm | 42 mm | 58.7 mm | 58.7 mm |
| Depth (with 7.5mm bus bar) | 44.5 mm | 44.5 mm | 52.8 mm | 52.8 mm |
| **Torque value** | | | | |
| Torque value of the terminal | 0.5 Nm | 1.2 Nm | 1.2 Nm | 2.5 Nm |

## Disconnect Terminals



IK641002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Disconnect terminal 4 mm² grey | | IK641002 |



| Type | ASK 3 A<br>Disconnect terminal |
|---|---|
| **Cross section** | |
| Cross section | 6 mm² |
| Max. rigid | 0.5 - 6 mm² |
| Max. flexible (f) | 1.5 - 4 mm² |
| Insulation stripping length (mm) | 10 mm |
| Thickness of terminals (mm) | 6 |
| Dimensions (HxWxD) in mm | 53.5 x 6 x 50.5 |
| Tightening torque min. (Nm) | 0.5 |
| Tightening torque max. (Nm) | 0.8 |
| Rated voltage (V) | 500 |
| Maximum current (A) | 16 |
| **Article number** | |
| Terminal grey | **IK641002** |
| Terminal blue | - |
| Terminal red | - |
| Terminal orange | - |
| Terminal green/yellow | - |
| **End section** | |
| End section grey | **IK631202** |
| End section blue | - |
| End section red | - |
| End section orange | - |
| End section green/yellow | - |
| **Partition plate** | |
| Partition plate red | - |
| **Cross connection** | |
| Cross connection for 2 terminals | **IK610532** |
| Cross connection for 10 terminals | **IK610539** |
| **End bracket** | |
| End bracket screw version | |
| End bracket snap-on version | |
| **Marking Tag** | |
| Horizontal labels | DY 5 |
| Vertical labels | - |
| **Technical data** | |
| Type | **ASK 3 A** |
| **Characteristics** | |
| Voltage / current / cross section | 500 V ~ / 24 A / 4 mm² |
| VDE (IEC 60947-7-1) | - |
| UL / CSA | 600 V ~ / 16 A / AWG 26-10 |
| **Dimensions** | |
| Width | 6 mm |
| Height | 50.5 mm |
| Depth (with 7.5mm bus bar) | 53.5 mm |



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## Fuse Terminals



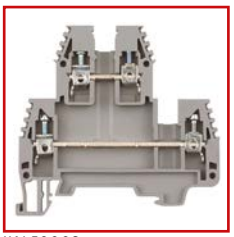
IK641004

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Fuse terminal 6 mm² grey | | **IK641004** |



| Type | **ASK 2 S Fuse terminals** |
|---|---|
| **Cross section** | |
| Cross section | 4 mm² |
| Max. rigid | 0.5 - 10 mm² |
| Max. flexible (f) | 1.5 - 10 mm² |
| Insulation stripping length (mm) | 12 mm |
| Thickness of terminals (mm) | 8 |
| Dimensions (HxWxD) in mm | 60 x 8 x 45 |
| Tightening torque min. (Nm) | 0.8 |
| Tightening torque max. (Nm) | 1.2 |
| Rated voltage (V) | 500 |
| Maximum current (A) | 6.3 |
| **Article number** | |
| Terminal grey | **IK641004** |
| Terminal blue | - |
| Terminal red | - |
| Terminal orange | - |
| Terminal green/yellow | - |
| **End section** | |
| End section grey | **IK631204** |
| End section blue | - |
| End section red | - |
| End section orange | - |
| End section green/yellow | - |
| **Partition plate** | |
| Partition plate red | - |
| **Cross connection** | |
| Cross connection for 2 terminals | - |
| Cross connection for 10 terminals | - |
| **End bracket** | |
| End bracket screw version | |
| End bracket snap-on version | |
| **Marking Tag** | |
| Horizontal labels | DY 5 |
| Vertical labels | - |
| **Technical data** | |
| Type | **ASK 2 S** |
| **Characteristics** | |
| Voltage / current / cross section | 500 V ~ / 6.3 A / 6 mm² |
| VDE (IEC 60947-7-1) | - |
| UL / CSA | 300 V ~ / 6.3 A / AWG 26-8 |
| **Dimensions** | |
| Width | 8 mm |
| Height | 60 mm |
| Depth (with 7.5mm bus bar) | 45 mm |

## Two-level Terminals



IK650002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Two-level terminal 2.5 mm² grey | | IK650002 |
| Two-level terminal 4 mm² grey | | IK650004 |





| Type | PIK 2.5 N Double deck terminals | PIK 4 Double deck terminals |
|---|---|---|
| **Cross section** | | |
| Cross section | 2.5 mm² | 4 mm² |
| Max. rigid | 0.5 - 4 mm² | 0.5 - 6 mm² |
| Max. flexible (f) | 1.5 - 2.5 mm² | 1.5 - 4 mm² |
| Insulation stripping length (mm) | 9 mm | 9 mm |
| Thickness of terminals (mm) | 5 | 6 |
| Dimensions (HxWxD) in mm | 64 x 5 x 61.3 | 64 x 6 x 61.3 |
| Tightening torque min. (Nm) | 0.4 | 0.5 |
| Tightening torque max. (Nm) | 0.6 | 0.8 |
| Rated voltage (V) | 500 | 500 |
| Maximum current (A) | 24 | 32 |
| **Article number** | | |
| Terminal grey | **IK650002** | **IK650004** |
| Terminal blue | - | - |
| Terminal red | - | - |
| Terminal orange | - | - |
| Terminal green/yellow | - | - |
| **End section** | | |
| End section grey | **IK650204** | **IK650204** |
| End section blue | - | - |
| End section red | - | - |
| End section orange | - | - |
| End section green/yellow | - | - |
| **Partition plate** | | |
| Partition plate red | - | - |
| **Cross connection** | | |
| Cross connection for 2 terminals | **IK600522** | **IK600532** |
| Cross connection for 10 terminals | **IK600529** | **IK600539** |
| **End bracket** | | |
| End bracket screw version | **IK623001** | |
| End bracket snap-on version | **IK623000** | |
| **Marking Tag** | | |
| Horizontal labels | DY 5 | DY 5 |
| Vertical labels | - | - |
| **Technical data** | | |
| Type | **PIK 2.5 N** | **PIK 4** |
| **Characteristics** | | |
| Voltage / current / cross section | 500 V ~ / 24 A / 2.5 mm² | 500 V ~ / 32 A / 4 mm² |
| VDE (IEC 60947-7-1) | - | - |
| UL / CSA | 300 V ~ / 20A / AWG 26-12 | 300 V ~ / 30A / AWG 26-10 |
| **Dimensions** | | |
| Width | 5 mm | 6 mm |
| Height | 64 mm | 64 mm |
| Depth (with 7.5mm bus bar) | 61.3 mm | 61.3 mm |

## Three-level Terminals



IK680001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Three-level terminal 2.5 mm² grey | | **IK680001** |



| Type | **PUK 3**<br>**Multi level terminals** |
|---|---|
| **Cross section** | |
| Cross section | 2.5 mm² |
| Max. rigid | 0.5 - 4 mm² |
| Max. flexible (f) | 1.5 - 2.5 mm² |
| Insulation stripping length (mm) | 8 |
| Thickness of terminals (mm) | 6 |
| Dimensions (HxWxD) in mm | 87.15 x 6 x 62.5 |
| Tightening torque min. (Nm) | 0.4 |
| Tightening torque max. (Nm) | 0.6 |
| Rated voltage (V) | 440 |
| Maximum current (A) | 24 |
| **Article number** | |
| Terminal grey | **IK680001** |
| Terminal blue | **-** |
| Terminal red | **-** |
| Terminal orange | **-** |
| Terminal green/yellow | **-** |
| **End section** | |
| End section grey | **IK680201** |
| End section blue | **-** |
| End section red | **-** |
| End section orange | **-** |
| End section green/yellow | **-** |
| **Partition plate** | |
| Partition plate red | **-** |
| **Cross connection** | |
| Cross connection for 2 terminals | **IK680522** |
| Cross connection for 10 terminals | **IK680529** |
| **End bracket** | |
| End bracket screw version | **IK623001** |
| End bracket snap-on version | **IK623000** |
| **Marking Tag** | |
| Horizontal labels | DY 5 |
| Vertical labels | - |
| **Technical data** | |
| Type | **PUK 3** |
| **Characteristics** | |
| Voltage / current / cross section | 440 V ~ / 24 A / 2.5 mm² |
| VDE (IEC 60947-7-1) | - |
| UL / CSA | 300 V ~ / 24 A / 2.5 mm² |
| **Dimensions** | |
| Width | 6 mm |
| Height | 87.15 mm |
| Depth (with 7.5mm bus bar) | 65.2 mm |

## Installation Terminals



IK680002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DIN-rail mounted terminal 2.5 mm² (L/N/PE) | | IK680002 |
| DIN-rail mounted terminal 2.5 mm² (3-pole + PE) | | IK680003 |
| DIN-rail mounted terminal 2.5 mm² (L/L/PE) | | IK680004 |

| |  |  |  |
|---|---|---|---|
| Type | **PUK 2 T Multi level terminals** | **PUK 2T LL Multi level terminals** | **PUK 3 T Multi level terminals** |
| **Cross section** | | | |
| Cross section | 2.5 mm² | 2.5 mm² | 2.5 mm² |
| Max. rigid | 0.5 - 4 mm² | 0.5 - 4 mm² | 0.5 - 4 mm² |
| Max. flexible (f) | 1.5 - 2.5 mm² | 1.5 - 2.5 mm² | 1.5 - 2.5 mm² |
| Insulation stripping length (mm) | 8 mm | 8 mm | 8 mm |
| Thickness of terminals (mm) | 6 | 6 | 6 |
| Dimensions (HxWxD) in mm | 71.7 x 6 x 53 | 71.7 x 6 x 53 | 87.5 x 6 x 65.7 |
| Tightening torque min. (Nm) | 0.4 | 0.4 | 0.4 |
| Tightening torque max. (Nm) | 0.6 | 0.6 | 0.6 |
| Rated voltage (V) | 440 | 440 | 440 |
| Maximum current (A) | 24 | 24 | 24 |
| **Article number** | | | |
| Terminal grey | **IK680002** | **IK680004** | **IK680003** |
| Terminal blue | - | - | - |
| Terminal red | - | - | - |
| Terminal orange | - | - | - |
| Terminal green/yellow | - | - | - |
| **End section** | | | |
| End section grey | **IK680202** | **IK680202** | **IK680203** |
| End section blue | - | - | - |
| End section red | - | - | - |
| End section orange | - | - | - |
| End section green/yellow | - | - | - |
| **Partition plate** | | | |
| Partition plate red | - | - | - |
| **Cross connection** | | | |
| Cross connection for 2 terminals | **IK680522** | **IK680522** | **IK680522** |
| Cross connection for 10 terminals | **IK680529** | **IK680529** | **IK680529** |
| **End bracket** | | | |
| End bracket screw version | | **IK623001** | |
| End bracket snap-on version | | **IK623000** | |
| **Marking Tag** | | | |
| Horizontal labels | DY 5 | DY 5 | DY 5 |
| Vertical labels | - | - | - |
| **Technical data** | | | |
| Type | **PUK 2 T** | **PUK 2 T LL** | **PUK 3 T** |
| **Characteristics** | | | |
| Voltage / current / cross section | 440 V ~ / 24 A / 2.5 mm² | 440 V ~ / 24 A / 2.5 mm² | 440 V ~ / 24 A / 2.5 mm² |
| VDE (IEC 60947-7-1) | - | - | - |
| UL / CSA | 300 V ~ / 24 A / 2.5 mm² | 300 V ~ / 24 A / 2.5 mm² | 300 V ~ / 24 A / 2.5 mm² |
| **Dimensions** | | | |
| Width | 6 mm | 6 mm | 6 mm |
| Height | 71.7 mm | 71.7 mm | 87.5 mm |
| Depth (with 7.5mm bus bar) | 53 mm | 53 mm | 65.7 mm |

## End Plates For Screw Clamp Terminals


IK600210


IK600216-A


IK601216-A


IK680202

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| End plate 2.5 - 10 mm² grey | | **IK600210** |
| End plate 16 mm² grey | | **IK600216-A** |
| End plate 2.5 - 10 mm² blue | | **IK601210** |
| End plate 16mm² blue | | **IK601216-A** |
| End plate for terminal type ASK3 | | **IK631202** |
| End plate for terminal type ASK2S | | **IK631204** |
| End plate for double deck terminal, type PIK 2.5 - 4 | | **IK650204** |
| End plate for 3-level terminal type PUK3 | | **IK680201** |
| End plate for 3-level terminal type PUK2T | | **IK680202** |
| End plate for 3-level terminal type PUK3T | | **IK680203** |

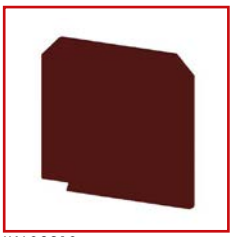
## Cross Connectors For Screw Clamp Terminals


IK600529




| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Cross connector 2-pole, 2.5 mm² for AVK | | **IK600522** |
| Cross connector 10-pole, 2.5 mm² for AVK | | **IK600529** |
| Cross connector 2-pole, 4 mm² for AVK | | **IK600532** |
| Cross connector 10-pole, 4 mm² for AVK | | **IK600539** |
| Cross connector 2-pole, 6 mm² for AVK | | **IK600542** |
| Cross connector 10-pole, 6 mm² for AVK | | **IK600549** |
| Cross connector 2-pole, 10 mm² for AVK | | **IK600552** |
| Cross connector 10-pole, 10 mm² for AVK | | **IK600559** |
| Cross connector 2-pole, 16 mm² for AVK | | **IK600562** |
| Cross connector 2-pole, 35 mm² for AVK | | **IK600572** |
| Cross connector 2-pole, 2.5 mm² for PUK | | **IK680522** |
| Cross connector 10-pole, 2.5 mm² for PUK | | **IK680529** |

## Separator Plate


IK608210

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Separation plate 2.5 - 10 mm² red | | IK608210 |

## Test Connector Male


IK600900

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Test connector (Ø= 2.3 mm) | | IK600900 |

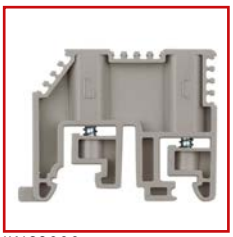
## Group Labels


IK600998


IK600999

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Group label type GE | | IK600998 |
| Marking carrier type GE2 | | IK600999 |

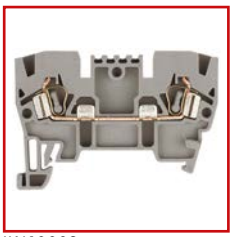
## End Brackets


IK623000


IK623001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| End bracket, snap-on mounting | | IK623000 |
| End bracket, screw mounting | | IK623001 |

## Spring Clamp Terminals

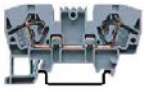
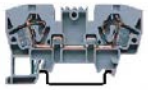


IK610002



IK611002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Grey** | | |
| Spring clamp terminal YBK 2.5 mm² | | **IK610002** |
| Spring clamp terminal YBK 4 mm² | | **IK610004** |
| Spring clamp terminal YBK 6 mm² | | **IK610006** |
| Spring clamp terminal YBK 10 mm² | | **IK610010** |
| **Blue** | | |
| Spring clamp terminal YBK 2.5 mm² | | **IK611002** |
| Spring clamp terminal YBK 4 mm² | | **IK611004** |
| Spring clamp terminal YBK 6 mm² | | **IK611006** |
| Spring clamp terminal YBK 10 mm² | | **IK611010** |

| |  |  |  |  |
|---|---|---|---|---|
| Type | **YBK 2.5** | **YBK 4** | **YBK 6** | **YBK 10** |
| **Cross section** | | | | |
| Cross section | 0.5 - 2.5 mm² | 0.5 - 4 mm² | 0.5 - 6 mm² | 0.5 - 10 mm² |
| Max. rigid | 0.5 - 4 mm² | 0.5 - 6 mm² | 0.5 - 10 mm² | 0.5 - 16 mm² |
| Max. flexible (f) | 0.5 - 2.5 mm² | 0.5 - 4 mm² | 0.5 - 6 mm² | 0.5 - 10 mm² |
| Insulation stripping length (mm) | 10 mm | 12 mm | 12 mm | 13 mm |
| Thickness of terminals (mm) | 5 | 6 | 8 | 10 |
| Dimensions (HxWxD) in mm | 51 x 5 x 35.5 | 55 x 6 x 37 | 64 x 8 x 38.5 | 70 x 10 x 43 |
| Tightening torque | - | - | - | - |
| Rated voltage (V) | 750 | 750 | 750 | 750 |
| Maximum current (A) | 24 | 37 | 41 | 57 |
| **Article number** | | | | |
| Terminal grey | **IK610002** | **IK610004** | **IK610006** | **IK610010** |
| Terminal blue | **IK611002** | **IK611004** | **IK611006** | **IK611010** |
| Terminal red | **-** | **-** | **-** | **-** |
| Terminal orange | **-** | **-** | **-** | **-** |
| Terminal green/yellow | **-** | **-** | **-** | **-** |
| **End section** | | | | |
| End section grey | **IK610202** | **IK610204** | **IK610206** | **IK610210** |
| End section blue | **IK611202** | **IK611204** | **IK611206** | **IK611210** |
| End section red | **-** | **-** | **-** | **-** |
| End section orange | **-** | **-** | **-** | **-** |
| End section green/yellow | **-** | **-** | **-** | **-** |
| **Partition plate** | | | | |
| Partition plate red | **IK608210** | | | |
| **Cross connection** | | | | |
| Cross connection for 2 terminals | **IK610522** | **IK610532** | **-** | **-** |
| Cross connection for 10 terminals | **IK610529** | **IK610539** | **-** | **-** |
| **End bracket** | | | | |
| End bracket screw version | **-** | **-** | **-** | **-** |
| End bracket snap-on version | **IK623002** | | | |
| **Marking Tag** | | | | |
| Horizontal labels | DY 5 | DY 5 | DY 5 | DY 5 |
| Vertical labels | - | - | DY 10 / 6.5 | DY 10 / 6.5 |
| **Technical data** | | | | |
| Type | **YBK 2.5** | **YBK 4** | **YBK 6** | **YBK 10** |
| **Characteristics** | | | | |
| Voltage / current / cross section | 750 V AC / 24 A / 2.5 mm² | 750 V AC / 32 A / 4 mm² | 750 V AC / 41 A / 6 mm² | 750 V AC / 57 A / 10 mm² |
| VDE (IEC 60947-7-1) | - | - | - | - |
| UL / CSA | 600 V AC / 20 A / AWG 22-12 | 600 V AC / 26 A / AWG 22-10 | 600 V AC / 35 A / AWG 22-8 | 600 V AC / 55 A / AWG 20-6 |
| **Dimensions** | | | | |
| Width | 5 mm | 6 mm | 8 mm | 10 mm |
| Height | 51 mm | 55 mm | 64 mm | 70 mm |
| Depth (with 7.5mm bus bar) | 35.5 mm | 37 mm | 38.5 mm | 43 mm |



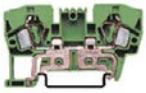
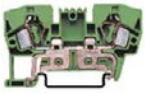
**Order no. blue:** on stock, usually ready for delivery on the day of order

## Protective Earth Spring Clamp Terminals



IK632002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Green/Yellow** | | |
| Protective earth spring clamp terminal YBK 2.5 mm² T | | **IK632002** |
| Protective earth spring clamp terminal YBK 4 mm² T | | **IK632004** |
| Protective earth spring clamp terminal YBK 6 mm² T | | **IK632006** |
| Protective earth spring clamp terminal YBK 10 mm² T | | **IK632010** |

| |  |  |  |  |
|---|---|---|---|---|
| Type | **YBK 2.5 T** | **YBK 4 T** | **YBK 6 T** | **YBK 10 T** |
| **Cross section** | | | | |
| Cross section | 0.5 - 2.5 mm² | 0.5 - 4 mm² | 0.5 - 6 mm² | 0.5 - 10 mm² |
| Max. rigid | 0.5 - 4 mm² | 0.5 - 6 mm² | 0.5 - 10 mm² | 0.5 - 16 mm² |
| Max. flexible (f) | 0.5 - 2.5 mm² | 0.5 - 4 mm² | 0.5 - 6 mm² | 0.5 - 10 mm² |
| Insulation stripping length (mm) | 10 mm | 12 mm | 13 mm | 13 mm |
| Thickness of terminals (mm) | 5 | 6 | 8 | 10 |
| Dimensions (HxWxD) in mm | 51 x 5 x 35.5 | 55 x 6 x 37 | 64 x 8 x 38.5 | 70 x 10 x 43 |
| Tightening torque | - | - | - | - |
| Rated voltage (V) | - | - | - | - |
| Maximum current (A) | - | - | - | - |
| **Article number** | | | | |
| Terminal grey | - | - | - | - |
| Terminal blue | - | - | - | - |
| Terminal red | - | - | - | - |
| Terminal orange | - | - | - | - |
| Terminal green/yellow | **IK632002** | **IK632004** | **IK632006** | **IK632010** |
| **End section** | | | | |
| End section grey | - | - | - | - |
| End section blue | - | - | - | - |
| End section red | - | - | - | - |
| End section orange | - | - | - | - |
| End section green/yellow | **IK632202** | **IK632204** | **IK632206** | **IK632210** |
| **Partition plate** | | | | |
| Partition plate red | **IK608210** | | | |
| **Cross connection** | | | | |
| Cross connection for 2 terminals | - | - | - | - |
| Cross connection for 10 terminals | - | - | - | - |
| **End bracket** | | | | |
| End bracket screw version | - | - | - | - |
| End bracket snap-on version | **IK623002** | | | |
| **Marking Tag** | | | | |
| Horizontal labels | DY 5 | DY 5 | DY 5 | DY 5 |
| Vertical labels | - | - | DY 10 / 6.5 | DY 10 / 6.5 |
| **Technical data** | | | | |
| Type | **YBK 2.5 T** | **YBK 4 T** | **YBK 6 T** | **YBK 10 T** |
| **Characteristics** | | | | |
| Voltage / current / cross section | - | - | - | - |
| VDE (IEC 60947-7-1) | - | - | - | - |
| UL / CSA | - | - | - | - |
| **Dimensions** | | | | |
| Width | 5 mm | 6 mm | 8 mm | 10 mm |
| Height | 51 mm | 55 mm | 64 mm | 70 mm |
| Depth (with 7.5mm bus bar) | 35.5 mm | 37 mm | 38.5 mm | 43 mm |

## Multi-way Spring Clamp Terminals



IK660002



IK690002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Protective earth multi-way spring clamp terminal YBK 2.5 mm² E, grey | | **IK690013** |
| Protective earth multi-way spring clamp terminal YBK 2.5 mm² C, grey | | **IK690014** |
| Protective earth spring clamp terminal 4-fold, YBK 2.5 mm² CT, green/yellow | | IK692014 |
| Spring clamp two-level terminal YBK 2.5 mm² 2F, grey | | **IK660002** |
| Spring clamp two-level terminal YBK 4 mm² 2F, grey | | **IK660004** |
| Three-level spring clamp terminal YBK 2.5 mm² 3F, grey | | **IK690001** |
| Three-level spring clamp terminal YBK 2.5 mm² 2FT, L/N/PE, grey | | **IK690002** |
| Three-level spring clamp terminal YBK 2.5 mm² 3FT, L1/L2/L3/PE, grey | | **IK690003** |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| Type | **YBK 2.5 E** | **YBK 2.5 C** | **YBK 2.5 CT** | **YBK 2.5-2F** | **YBK 4-2F** | **YBK 2.5-3 F** | **YBK 2.5-2 FT** | **YBK 2.5-3 FT** |
| **Cross section** | | | | | | | | |
| Cross section | 0.5 - 2.5 mm² | 0.5 - 2.5 mm² | 0.5 - 2.5 mm² | 0.5 - 2.5 mm² | 0.5 - 4 mm² | 0.5 - 2.5 mm² | 0.5 - 2.5 mm² | 0.5 - 2.5 mm² |
| Max. rigid | 0.5 - 4 mm² | 0.5 - 4 mm² | 0.5 - 4 mm² | 0.5 - 4 mm² | 0.5 - 6 mm² | 0.5 - 4 mm² | 0.5 - 4 mm² | 0.5 - 4 mm² |
| Max. flexible (f) | 0.5 - 2.5 mm² | 0.5 - 2.5 mm² | 0.5 - 2.5 mm² | 0.5 - 2.5 mm² | 0.5 - 4 mm² | 0.5 - 2.5 mm² | 0.5 - 2.5 mm² | 0.5 - 2.5 mm² |
| Insulation stripping length (mm) | 10 mm | 10 mm | 10 mm | 10 mm | 12 mm | 10 mm | 10 mm | 10 mm |
| Thickness of terminals (mm) | 5 | 5 | 5 | 5 | 6 | 5 | 5 | 5 |
| Dimensions (HxWxD) in mm | 35.5 x 5 x 66.6 | 35.5 x 5 x 81.4 | 35.5 x 5 x 81.4 | 64.8 x 5 x 83.7 | 55.5 x 6 x 90.3 | 75 x 5 x 100 | 64.8 x 5 x 83.7 | 74.5 x 5 x 100 |
| Tightening torque (Nm) | - | - | - | - | - | - | - | - |
| Rated voltage (V) | 750 | 750 | - | 500 | 750 | 500 | 500 | 500 |
| Maximum current (A) | 24 | 24 | - | 24 | 32 | 24 | 24 | 24 |
| **Article number** | | | | | | | | |
| Terminal grey | **IK690013** | **IK690014** | **IK692014** | **IK660002** | **IK660004** | **IK690001** | **IK690002** | **IK690003** |
| Terminal blue | - | - | - | - | - | - | - | - |
| Terminal red | - | - | - | - | - | - | - | - |
| Terminal orange | - | - | - | - | - | - | - | - |
| Terminal green/yellow | - | - | - | - | - | - | - | - |
| **End section** | | | | | | | | |
| End section grey | **IK690213** | **IK690214** | **IK692214** | **IK690202** | **IK660204** | **IK690201** | **IK690202** | **IK690203** |
| End section blue | - | - | - | - | - | - | - | - |
| End section red | - | - | - | - | - | - | - | - |
| End section orange | - | - | - | - | - | - | - | - |
| End section green/yellow | - | - | - | - | - | - | - | - |
| **Partition plate** | | | | | | | | |
| Partition plate red | - | - | - | - | - | - | - | - |
| **Cross connection** | | | | | | | | |
| Cross connection for 2 terminals | **IK610522** | **IK610522** | - | **IK610522** | **IK610532** | **IK610522** | **IK610522** | - |
| Cross connection for 10 terminals | **IK610529** | **IK610529** | - | **IK610529** | **IK610539** | **IK610529** | **IK610529** | - |
| **End bracket** | | | | | | | | |
| End bracket screw version | - | - | - | - | - | - | - | - |
| End bracket snap-on version | **IK623002** | | | | | | | |
| **Marking Tag** | | | | | | | | |
| Horizontal labels | DY 5 | DY 5 | DY 5 | DY 5 | DY 5 | DY 5 | DY 5 | DY 5 |
| Vertical labels | - | - | - | - | - | - | - | - |
| **Technical data** | | | | | | | | |
| Type | **YBK 2.5 E** | **YBK 2.5 C** | **YBK 2.5 CT** | **YBK 2.5 T** | **YBK 4 T** | **YBK 2.5-3 F** | **YBK 2.5-2 FT** | **YBK 2.5-3 FT** |
| **Characteristics** | | | | | | | | |
| Voltage / current / cross section | 750 V AC / 24 A / 2.5 mm² | 750 V AC / 24 A / 2.5 mm² | - | 500 V AC / 24 A / 2.5 mm² | 750 V AC / 32 A / 4 mm² | 500 V AC / 24 A / 2.5 mm² | 500 V AC / 24 A / 2.5 mm² | 500 V AC / 24 A / 2.5 mm² |
| VDE (IEC 60947-7-1) | - | - | - | - | - | - | - | - |
| UL / CSA | 600 V AC / 20 A / AWG 22-12 | 600 V AC / 20 A / AWG 22-12 | - | 600 V AC / 20 A / AWG 22-12 | 600 V AC / 26 A / AWG 22-10 | 600 V AC / 20 A / AWG 22-12 | 600 V AC / 20 A / AWG 22-12 | 600 V AC / 20 A / AWG 22-12 |
| **Dimensions** | | | | | | | | |
| Width | 5 mm | 5 mm | 5 mm | 5 mm | 6 mm | 5 mm | 5 mm | 5 mm |
| Height | 35.5 mm | 35.5 mm | 35.5 mm | 64.8 mm | 55.5 mm | 75 mm | 64.8 mm | 74.5 mm |
| Depth (with 7.5mm bus bar) | 66.6 mm | 81.4 mm | 81.4 mm | 83.7 mm | 90.3 mm | 100 mm | 83.7 mm | 100 mm |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## End Plates for Spring Clamp Terminals



IK610202

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| End plate for YBK 2.5 mm², grey | | IK610202 |
| End plate for YBK 4 mm², grey | | IK610204 |
| End plate for YBK 6 mm², grey | | IK610206 |
| End plate for YBK 10 mm², grey | | IK610210 |
| End plate for YBK 2.5 mm², blue | | IK611202 |
| End plate for YBK 4 mm², blue | | IK611204 |
| End plate for YBK 2.5 mm², green | | IK632202 |
| End plate for YBK 4 mm², green | | IK632204 |
| End plate for YBK 6 mm², green | | IK632206 |
| End plate for YBK 10 mm², green | | IK632210 |
| End plate for multi-way spring clamp terminal YBK 2.5 mm² E, grey | | IK690213 |
| End plate for multi-way spring clamp terminal YBK 2.5 mm² C, grey | | IK690214 |
| End plate for 4-fold spring clamp terminal, YBK 2.5 mm² CT, green | | IK692214 |
| End plate for IK660001 | | IK690201 |
| End plate for IK660003 | | IK690203 |
| End plate for IK660004 | | IK660204 |
| End plate for IK690002 | | IK690202 |

## Cross Connectors for Spring Clamp Terminals



IK610529

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Cross connector 2-pole, 2.5 mm² for YBK | | IK610522 |
| Cross connector 10-pole, 2.5 mm² for YBK | | IK610529 |
| Cross connector 2-pole, 4 mm² for YBK | | IK610532 |
| Cross connector 10-pole, 4 mm² for YBK | | IK610539 |

## Group Label Holders/Label Holders



IK600998

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Group label type GE | | IK600998 |
| Marking carrier type GE2 | | IK600999 |

## End Bracket for Spring Clamp Terminals



IK623002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| End bracket for YBK spring clamp terminals | | IK623002 |
| Marking tag for IK623002 | | IK600997 |

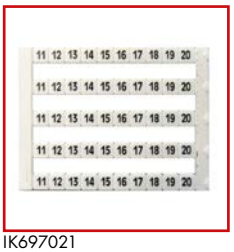
## Labelling Tags



IK697040



IK697020



IK697021

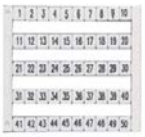

IK697910

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **DEKAFIX - Horizontal Labelling DY5** | | |
| DY5 1 (50 characters) | | IK697001 |
| DY5 2 (50 characters) | | IK697002 |
| DY5 3 (50 characters) | | IK697003 |
| DY5 1-10 (50 characters) | | IK697020 |
| DY5 11-20 (50 characters) | | IK697021 |
| DY5 21-30 (50 characters) | | IK697022 |
| DY5 31-40 (50 characters) | | IK697023 |
| DY5 41-50 (50 characters) | | IK697024 |
| DY5 1-50 (50 characters) | | IK697040 |
| DY5 51-100 (50 characters) | | IK697041 |
| DY5 101-150 (50 characters) | | IK697042 |
| DY5 151-200 (50 characters) | | IK697043 |
| DY5 201-250 (50 characters) | | IK697044 |
| DY5 251-300 (50 characters) | | IK697045 |
| DY5 301-350 (50 characters) | | IK697046 |
| DY5 351-400 (50 characters) | | IK697047 |
| **DEKAFIX - Horizontal Labelling Symbols DY5** | | |
| DY5 L1 (50 characters) | | IK697090 |
| DY5 L2 (50 characters) | | IK697091 |
| DY5 L3 (50 characters) | | IK697092 |
| DY5 N (50 characters) | | IK697093 |
| DY5 PE (50 characters) | | IK697094 |
| DY5 + (50 characters) | | IK697085 |
| DY5 – (50 characters) | | IK697086 |
| DY5 X (50 characters) | | IK697083 |
| **DEKAFIX - Blank Labelling Fields** | | |
| DB10/5 blank (10 characters) | | IK697910 |
| DY10/6.5 blank (10 characters) | | IK697920 |
| **Labelling Pens** | | |
| Marking pen red | | IK198901 |
| Marking pen black | | IK193901 |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Labelling Tags

| Type | **DY 5 (Horizontal marking)** | All terminals | **DY 10 / 6,5 (Vertical marking)** | All terminals | **DY 10 / 5** | All terminals |
|---|---|---|---|---|---|---|
| |  | |  | |  | |
| Quantity | 50 labels | | 10 labels | | 10 labels | |
| **Article number** | | | | | | |
| 1 | **IK697001** | All terminals | - | - | - | - |
| 2 | **IK697002** | All terminals | - | - | - | - |
| 3 | **IK697003** | All terminals | - | - | - | - |
| 1-10 | **IK697020** | All terminals | - | - | - | - |
| 11-20 | **IK697021** | All terminals | - | - | - | - |
| 21-30 | **IK697022** | All terminals | - | - | - | - |
| 31-40 | **IK697023** | All terminals | - | - | - | - |
| 41-50 | **IK697024** | All terminals | - | - | - | - |
| | | | | | | |
| 1-50 | **IK697040** | All terminals | - | - | - | - |
| 51-100 | **IK697041** | All terminals | - | - | - | - |
| 101-150 | **IK697042** | All terminals | - | - | - | - |
| 151-200 | **IK697043** | All terminals | - | - | - | - |
| 201-250 | **IK697044** | All terminals | - | - | - | - |
| 251-300 | **IK697045** | All terminals | - | - | - | - |
| 301-350 | **IK697046** | All terminals | - | - | - | - |
| 351-400 | **IK697047** | All terminals | - | - | - | - |
| | | | | | | |
| L1 | **IK697090** | All terminals | - | - | - | - |
| L2 | **IK697091** | All terminals | - | - | - | - |
| L3 | **IK697092** | All terminals | - | - | - | - |
| N | **IK697093** | All terminals | - | - | - | - |
| PE | **IK697094** | All terminals | - | - | - | - |
| + | **IK697085** | All terminals | - | - | - | - |
| - | **IK697086** | All terminals | - | - | - | - |
| X | **IK697083** | All terminals | - | - | - | - |
| Blank | - | - | **IK697920** | AVK 6 - 70, AVK 6 - 35 T | **IK697910** | All terminals |

## Transformers - Series T




## Transformers - Series T



## Power Supply - Series LP4




## Power Supply - Series LP4




## Power Supply - Series LP4




## Power Supply DIN-Rail



✓ All items in stock
✓ Attractive prices
✓ Fast delivery

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# Transformers, Power Supplies

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## Transformers - Series T



LP601003T



LP603003T

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Single-Phase Transformer 230 / 12V AC** | | |
| 230 / 12V, 30VA | | **LP601003T** |
| 230 / 12V, 60VA | | **LP601006T** |
| 230 / 12V, 100VA | | **LP601010T** |
| 230 / 12V, 160VA | | **LP601016T** |
| 230 / 12V, 315VA | | **LP601032T** |
| 230 / 12V, 500VA | | LP601050T |
| **Single-Phase Transformer 230 / 24V AC** | | |
| 230 / 24V, 30VA | | **LP602003T** |
| 230 / 24V, 60VA | | **LP602006T** |
| 230 / 24V, 100VA | | **LP602010T** |
| 230 / 24V, 160VA | | **LP602016T** |
| 230 / 24V, 200VA | | **LP602020T** |
| 230 / 24V, 250VA | | **LP602025T** |
| 230 / 24V, 315VA | | **LP602032T** |
| 230 / 24V, 400VA | | **LP602040T** |
| 230 / 24V, 500VA | | **LP602050T** |
| 230 / 24V, 630VA | | **LP602063T** |
| 230 / 24V, 800VA | | **LP602080T** |
| 230 / 24V, 1000VA | | **LP602100T** |
| **Single-Phase Transformer 230 / 24V AC with Secondary Fuse** | | |
| 230 / 24V, 30VA and secondary fuse | | **LP612003T** |
| 230 / 24V, 60VA and secondary fuse | | **LP612006T** |
| 230 / 24V, 100VA and secondary fuse | | **LP612010T** |
| 230 / 24V, 200VA and secondary fuse | | **LP612020T** |
| 230 / 24V, 250VA and secondary fuse | | LP612025T |
| **Single-Phase Transformer 400 / 24V AC** | | |
| 400 / 24V, 30VA | | **LP603003T** |
| 400 / 24V, 100VA | | **LP603010T** |
| 400 / 24V, 160VA | | **LP603016T** |
| 400 / 24V, 200VA | | **LP603020T** |
| 400 / 24V, 250VA | | **LP603025T** |
| 400 / 24V, 400VA | | **LP603040T** |
| 400 / 24V, 500VA | | **LP603050T** |
| 400 / 24V, 1000VA | | LP603100T |
| **Single-Phase Transformer 230 / 230V AC** | | |
| 230 / 230V, 100VA | | **LP605010T** |
| 230 / 230V, 250VA | | **LP605025T** |
| 230 / 230V, 500VA | | **LP605050T** |
| 230 / 230V, 800VA | | LP605080T |
| 230 / 230V, 1000VA | | **LP605100T** |
| 230 / 230V, 1300VA | | **LP605130T** |
| 230 / 230V, 2000VA | | LP605200T |
| 230 / 230V, 2500VA | | LP605250T |
| **Single-Phase Transformer 400 / 230V AC with Secondary Fuse** | | |
| 400 / 230V, 60VA and secondary fuse | | LP614006T |
| 400 / 230V, 100VA and secondary fuse | | LP614010T |
| 400 / 230V, 200VA and secondary fuse | | LP614020T |
| 400 / 230V, 400VA and secondary fuse | | LP614040T |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Transformers - Series T

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Single-Phase Transformer 400 / 230V AC** | | |
| 400 / 230V, 60VA | | **LP604006T** |
| 400 / 230V, 100VA | | **LP604010T** |
| 400 / 230V, 160VA | | **LP604016T** |
| 400 / 230V, 200VA | | **LP604020T** |
| 400 / 230V, 250VA | | **LP604025T** |
| 400 / 230V, 320VA | | **LP604032T** |
| 400 / 230V, 400VA | | **LP604040T** |
| 400 / 230V, 500VA | | **LP604050T** |
| 400 / 230V, 630VA | | **LP604063T** |
| 400 / 230V, 800VA | | **LP604080T** |
| 400 / 230V, 1000VA | | **LP604100T** |
| 400 / 230V, 1600VA | | **LP604160T** |
| 400 / 230V, 2000VA | | **LP604200T** |
| 400 / 230V, 2500VA | | **LP604250T** |
| 400 / 230V, 3000VA | | LP604300T |
| 400 / 230V, 4000VA | | LP604400T |
| 400 / 230V, 5000VA | | LP604500T |
| **Control Isolation Transformer** | | |
| 200 - 500 / 230V, 150VA | | LP691041T |
| 200 - 500 / 230V, 500VA | | **LP691042T** |
| 200 - 500 / 230V, 200VA | | **LP691043T** |
| **Accessories** | | |
| DIN-Rail mounting plate for control transformer up to 200VA | | **LP699001T** |



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## Power Supply - Series LP4



LP412402


LP442405



LP412406

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **12V - Output Voltage** | | |
| 230V AC / 12V DC, 5A at 50°C | | **LP411205** |
| 230V AC / 12V DC, 10A at 50°C | | **LP411210** |
| **24V - Output Voltage** | | |
| 230V AC / 24V DC, 2,5A at 50°C | | **LP412402** |
| 230V AC / 24V DC, 4,5A at 50°C | | **LP412405** |
| 230V AC / 24V DC, 6A at 50°C | | **LP412406** |
| 230V AC / 24V DC, 12A at 50°C | | **LP412412** |
| 230V AC / 24V DC, 22A at 50°C | | **LP412422** |
| 400V AC / 24V DC, 22A at 50°C | | **LP432422** |
| **24V - Output Voltage with UPS Function** | | |
| 230V AC / 24V DC, 5A with UPS function | | **LP442405** |
| 230V AC /2 4V DC, 10A with UPS function | | **LP442410** |

## Power Supply DIN-Rail



LP746201

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **12V - Output Voltage** | | |
| 230 / 12V DC, 2A | | **LP7432C2** |
| **24V - Output Voltage** | | |
| 230 / 24V DC, 1,5A | | **LP746201** |

## MCCB MB Size 1 - 3-pole, 18kA




## MCCB MB Size 1 - 3-pole, 25kA




## MCCB MB Size 2 - 3-pole, 25kA




## MCCB MB Size 2 - 3-pole, 36kA




## MCCB MB Size 3 - 3-pole, 36kA/50kA




## MCCB MB Size 1 to 3 - Accessories



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Circuit Breakers MB

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## MCCB MB Size 1 - 3-pole, 18kA


MB125831B

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **16 to 125A with thermomagnetic release unit** | | | |
| Circuit Breaker MB1, 18kA, box-terminal, 25A, 3-pole | MB1E-A | | MB125831B |
| Circuit Breaker MB1, 18kA, box-terminal, 32A, 3-pole | MB1E-A | | MB132831B |
| Circuit Breaker MB1, 18kA, box-terminal, 40A, 3-pole | MB1E-A | | MB140831B |
| Circuit Breaker MB1, 18kA, box-terminal, 50A, 3-pole | MB1E-A | | MB150831B |
| Circuit Breaker MB1, 18kA, box-terminal, 63A, 3-pole | MB1E-A | | MB163831B |
| Circuit Breaker MB1, 18kA, box-terminal, 80A, 3-pole | MB1E-A | | **MB180831B** |
| Circuit Breaker MB1, 18kA, box-terminal, 100A, 3-pole | MB1E-A | | **MB110831B** |
| Circuit Breaker MB1, 18kA, box-terminal, 125A, 3-pole | MB1E-A | | **MB112831B** |
| Circuit Breaker MB1, 18kA, cable-lug, 16A, 3-pole | MB1E-A | | MB106831C |
| Circuit Breaker MB1, 18kA, cable-lug, 20A, 3-pole | MB1E-A | | MB120831C |
| Circuit Breaker MB1, 18kA, cable-lug, 25A, 3-pole | MB1E-A | | MB125831C |
| Circuit Breaker MB1, 18kA, cable-lug, 32A, 3-pole | MB1E-A | | MB132831C |
| Circuit Breaker MB1, 18kA, cable-lug, 40A, 3-pole | MB1E-A | | MB140831C |
| Circuit Breaker MB1, 18kA, cable-lug, 50A, 3-pole | MB1E-A | | MB150831C |
| Circuit Breaker MB1, 18kA, cable-lug, 63A, 3-pole | MB1E-A | | MB163831C |
| Circuit Breaker MB1, 18kA, cable-lug, 80A, 3-pole | MB1E-A | | MB180831C |
| Circuit Breaker MB1, 18kA, cable-lug, 100A, 3-pole | MB1E-A | | MB110831C |
| Circuit Breaker MB1, 18kA, cable-lug, 125A, 3-pole | MB1E-A | | MB112831C |

## MCCB MB Size 1 - 3-pole, 25kA


MB110131B

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **16 to 100A with thermomagnetic release unit** | | | |
| Circuit Breaker MB1, 25kA, box-terminal, 20A, 3-pole | MB1B-A | | MB120131B |
| Circuit Breaker MB1, 25kA, box-terminal, 25A, 3-pole | MB1B-A | | MB125131B |
| Circuit Breaker MB1, 25kA, box-terminal, 32A, 3-pole | MB1B-A | | MB132131B |
| Circuit Breaker MB1, 25kA, box-terminal, 40A, 3-pole | MB1B-A | | MB140131B |
| Circuit Breaker MB1, 25kA, box-terminal, 50A, 3-pole | MB1B-A | | MB150131B |
| Circuit Breaker MB1, 25kA, box-terminal, 63A, 3-pole | MB1B-A | | **MB163131B** |
| Circuit Breaker MB1, 25kA, box-terminal, 80A, 3-pole | MB1B-A | | **MB180131B** |
| Circuit Breaker MB1, 25kA, box-terminal, 100A, 3-pole | MB1B-A | | **MB110131B** |
| Circuit Breaker MB1, 25kA, cable-lug, 16A, 3-pole | MB1B-A | | MB106131C |
| Circuit Breaker MB1, 25kA, cable-lug, 20A, 3-pole | MB1B-A | | MB120131C |
| Circuit Breaker MB1, 25kA, cable-lug, 25A, 3-pole | MB1B-A | | MB125131C |
| Circuit Breaker MB1, 25kA, cable-lug, 32A, 3-pole | MB1B-A | | MB132131C |
| Circuit Breaker MB1, 25kA, cable-lug, 40A, 3-pole | MB1B-A | | MB140131C |
| Circuit Breaker MB1, 25kA, cable-lug, 50A, 3-pole | MB1B-A | | MB150131C |
| Circuit Breaker MB1, 25kA, cable-lug, 63A, 3-pole | MB1B-A | | MB163131C |
| Circuit Breaker MB1, 25kA, cable-lug, 80A, 3-pole | MB1B-A | | MB180131C |
| Circuit Breaker MB1, 25kA, cable-lug, 100A, 3-pole | MB1B-A | | MB110131C |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCCB MB Size 2 - 3-pole, 25kA


MB212131C

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **125 to 250A with thermomagnetic release unit** | | | |
| Circuit Breaker MB2, 25kA, cable-lug, 125A, 3-pole | MB2B-A | | MB212131C |
| Circuit Breaker MB2, 25kA, cable-lug, 160A, 3-pole | MB2B-A | | **MB216131C** |
| Circuit Breaker MB2, 25kA, cable-lug, 200A, 3-pole | MB2B-A | | **MB220131C** |
| Circuit Breaker MB2, 25kA, cable-lug, 250A, 3-pole | MB2B-A | | **MB225131C** |

## MCCB MB Size 2 - 3-pole, 36kA


MB212431C

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **125 to 250A with thermomagnetic release unit** | | | |
| Circuit Breaker MB2, 36kA, cable-lug, 125A, 3-pole | MB2C-A | | MB212431C |
| Circuit Breaker MB2, 36kA, cable-lug, 160A, 3-pole | MB2C-A | | MB216431C |
| Circuit Breaker MB2, 36kA, cable-lug, 200A, 3-pole | MB2C-A | | MB220431C |
| Circuit Breaker MB2, 36kA, cable-lug, 250A, 3-pole | MB2C-A | | **MB225431C** |

## MCCB MB Size 3 - 3-pole, 36kA/50kA


MB212431C

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **400A** | | | |
| Circuit Breaker MB3, 36kA, cable-lug, 400A, 3-pole | MB3C-A | | **MB340431C** |
| Circuit Breaker MB3, 50kA, cable-lug, 400A, 3-pole | MB3N-A | | **MB340231C** |

## MCCB MB Size 1 to 3 - Accessories


MB19A400

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Phase barrier | MB1 | | MB190001 |
| Terminal Cover for MB1 3-pole | MB1 | | MB190003 |
| Terminal Cover for MB1 4-pole | MB1 | | MB190004 |
| Shunt Trip Relay for MB1, 2, 3 230-240V-AC | MB1 | | **MB19A230** |
| Shunt Trip Relay for MB1, 2, 3 400-415V-AC | MB1 | | MB19A400 |
| Undervoltage Relay for MB1, 2, 3 24V-DC | MB1 | | MB19U024D |
| Undervoltage Relay for MB1, 2, 3 230-240V-AC | MB1 | | MB19U230 |
| Terminal Cover for MB2 3-pole | MB2 | | MB290003 |

## MCCB MZ Size 1 - 3-pole, 36kA



## MZ Size 1 - Accessories




## MCCB MZ Size 2 - 3-pole, 50kA



## MZ Size 2 - Accessories



## MCCB MZ Size 3 - 3-pole, 70kA



## MZ Size 3 - Accessories



✓ All items in stock
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# Cubico Circuit Breakers and Load Switches MZ

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## MCCB MZ Size 1 - 3-pole, 36kA



MZ163431B

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **20 up to 125A with thermomagnetic release and box-terminals** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 20A with box terminals | MZ1C-A20-B | | **MZ120431B** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 25A with box terminals | MZ1C-A25-B | | **MZ125431B** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 32A with box terminals | MZ1C-A32-B | | **MZ132431B** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 40A with box terminals | MZ1C-A40-B | | **MZ140431B** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 50A with box terminals | MZ1C-A50-B | | **MZ150431B** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 63A with box terminals | MZ1C-A63-B | | **MZ163431B** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 80A with box terminals | MZ1C-A80-B | | **MZ180431B** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 100A with box terminals | MZ1C-A100-B | | **MZ110431B** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 125A with box terminals | MZ1C-A125-B | | **MZ112431B** |

## Load Switches MZ Size 1 - 3-pole



MZ112035B

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **125A with box terminals** | | | |
| Load Break Switch, 3-pole, 125A with box terminals | MZ1-N-125-B | | **MZ112035B** |

## MZ Size 1 - Accessories



MZAZAN11



MZ1ZM230



MZ1ZREE3



MZ1ZS230

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Accessories** | | | |
| Auxiliary contact normal 1 C/O for MZ | MZ-AN11 | | **MZAZAN11** |
| Auxiliary contact trip 1 C/O for MZ | MZ-AT11 | | **MZAZAT11** |
| 6 Box terminals 4-95mm² for MZ1 3-pole | MZ1-BT03 | | **MZ1ZBT03** |
| Set of terminal covers long for MZ1 3-pole | MZ1-CL03 | | **MZ1ZCL03** |
| Mechanical interlock for MZ1 3-pole | MZ1-JM03 | | **MZ1ZJM03** |
| Padlock for MZ1 | MZ1-LL00 | | **MZ1ZLL00** |
| Remote operator 230VACDC for MZ1 | MZ1-M230 | | **MZ1ZM230** |
| Direct rotary handle (lockable) for MZ1 | MZ1-RD | | **MZ1ZRD00** |
| Extended rotary handle (lockable) for MZ1 3-pole | MZ1-REE3 | | **MZ1ZREE3** |
| Shunt release 230VAC for MZ1 | MZ1-S230 | | **MZ1ZS230** |
| Undervoltage release 230VAC for MZ1 | MZ1-U230 | | **MZ1ZU230** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCCB MZ Size 2 - 3-pole, 36kA


MZ216431

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **160 up to 250A with thermomagnetic release** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 160A | MZ2C-A160 | | **MZ216431** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 200A | MZ2C-A200 | | **MZ220431** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 250A | MZ2C-A250 | | **MZ225431** |

## MCCB MZ Size 2 - 3-pole, 50kA


MZ216231

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **160 up to 250A with thermomagnetic release** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 160A | MZ2N-A160 | | **MZ216231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 200A | MZ2N-A200 | | **MZ220231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 250A | MZ2N-A250 | | **MZ225231** |

## Load Switches MZ Size 2 - 3-pole


MZ225035

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **250A** | | | |
| Load break switch, 3-pole, 250A | MZ2-N-250 | | **MZ225035** |

## MZ Size 2 - Accessories


MZAZAT11


MZ2ZCL03


MZ2ZRD00

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Accessories** | | | |
| Auxiliary contact normal 1 C/O for MZ | MZ-AN11 | | **MZAZAN11** |
| Auxiliary contact trip 1 C/O for MZ | MZ-AT11 | | **MZAZAT11** |
| Set of terminal covers long for MZ2 3-pole | MZ2-CL03 | | **MZ2ZCL03** |
| 6 Front connection plates for MZ2 | MZ2-FC03 | | **MZ2ZFC03** |
| Mechanical interlock for MZ2 3-pole | MZ2-JM03 | | **MZ2ZJM03** |
| Padlock for MZ2 | MZ2-LL00 | | **MZ2ZLL00** |
| Remote operator 230VACDC for MZ2 | MZ2-M230 | | **MZ2ZM230** |
| Direct rotary handle (lockable) for MZ2 | MZ2-RD | | **MZ2ZRD00** |
| Extended rotary handle (lockable) for MZ2 3-pole | MZ2-REE3 | | **MZ2ZREE3** |
| Shunt release 230VAC for MZ2/3 | MZ2/3-S230 | | **MZ2ZS230** |
| 6 Tunnel terminals 2 x (35-120mm²) for MZ2 | MZ2-TT03 | | **MZ2ZTT03** |
| Undervoltage release 230VAC for MZ2/3 | MZ2/3-U230 | | **MZ2ZU230** |

## MCCB MZ Size 3 - 3-pole, 50kA


MZ332231

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **315 up to 400A with thermomagnetic release** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 315A | MZ3N-A315 | | **MZ332231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 400A | MZ3N-A400 | | **MZ340231** |

## MCCB MZ Size 3 - 3-pole, 70kA


MZ340333

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **250 up to 630A with delayed electronic release** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 70kA, 250A | MZ3H-VE250 | | **MZ325333** |
| Moulded Case Circuit Breaker type VE, 3-pole, 70kA, 400A | MZ3H-VE400 | | **MZ340333** |
| Moulded Case Circuit Breaker type VE, 3-pole, 70kA, 630A | MZ3H-VE630 | | **MZ363333** |

## Load Switches MZ Size 3 - 3-pole


MZ340035

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **400A** | | | |
| Load break switch, 3-pole, 400A | MZ3-N-400 | | **MZ340035** |

## MZ Size 3 - Accessories


MZ3ZM230


MZ3ZRD00


MZ2ZS230

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Accessories** | | | |
| Auxiliary contact normal 1 C/O for MZ | MZ-AN11 | | **MZAZAN11** |
| Auxiliary contact trip 1 C/O for MZ | MZ-AT11 | | **MZAZAT11** |
| Set of terminal covers long for MZ3 3-pole | MZ3-CL03 | | **MZ3ZCL03** |
| 6 Front connection plates for MZ3 3-pole | MZ3-FC03 | | **MZ3ZFC03** |
| Mechanical interlock for MZ3 3-pole | MZ3-JM03 | | **MZ3ZJM03** |
| Padlock for MZ3 | MZ3-LL00 | | **MZ3ZLL00** |
| Remote operator 230VACDC for MZ3 | MZ3-M230 | | **MZ3ZM230** |
| Direct rotary handle (lockable) for MZ3 | MZ3-RD | | **MZ3ZRD00** |
| Extended rotary handle (lockable) for MZ3 | MZ3-REE3 | | **MZ3ZREE3** |
| Shunt release 230VAC for MZ2/3 | MZ2/3-S230 | | **MZ2ZS230** |
| 6 Tunnel terminals 120-240mm² for MZ3 | MZ3-TT03 | | **MZ3ZTT03** |
| 6 Tunnel terminals 2x (120-240mm²) for MZ3 | MZ3-TT03M2 | | **MZ3ZTT03M2** |
| Undervoltage release 230VAC for MZ2/3 | MZ2/3-U230 | | **MZ2ZU230** |

## MCCB MC Size 1 - 3-pole, 25kA




## MCCB MC Size 1 - 4-pole, 50kA




## MCCB MC Size 1 - Accessories



## MCCB MC Size 2 - 4-pole, 50kA plug-in




## MCCB MC Size 3 - 4-pole, 150kA




## MCCB MC Size 3, withdrawable - Accessories



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Circuit Breakers and Load Switches MC

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# MCCB MC

## MCCB MC Size 1 - 1-pole, 25kA


MC115118

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **16 to 125A with fixed thermomagnetic release unit** | | | |
| Circuit Breaker type AF, 1-pole, 25kA, 16A | MC1B-1-AF16 | | MC115118 |
| Circuit Breaker type AF, 1-pole, 25kA, 20A | MC1B-1-AF20 | | MC120118 |
| Circuit Breaker type AF, 1-pole, 25kA, 25A | MC1B-1-AF25 | | MC125118 |
| Circuit Breaker type AF, 1-pole, 25kA, 32A | MC1B-1-AF32 | | MC132118 |
| Circuit Breaker type AF, 1-pole, 25kA, 40A | MC1B-1-AF40 | | MC140118 |
| Circuit Breaker type AF, 1-pole, 25kA, 50A | MC1B-1-AF50 | | MC150118 |
| Circuit Breaker type AF, 1-pole, 25kA, 63A | MC1B-1-AF63 | | MC163118 |
| Circuit Breaker type AF, 1-pole, 25kA, 80A | MC1B-1-AF80 | | MC180118 |
| Circuit Breaker type AF, 1-pole, 25kA, 100A | MC1B-1-AF100 | | MC110118 |
| Circuit Breaker type AF, 1-pole, 25kA, 125A | MC1B-1-AF125 | | MC112118 |

## MCCB MC Size 1 - 3-pole, 25kA


MC120131

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **20 to 160A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 20A | MC1B-A20 | | **MC120131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 25A | MC1B-A25 | | **MC125131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 32A | MC1B-A32 | | **MC132131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 40A | MC1B-A40 | | **MC140131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 50A | MC1B-A50 | | **MC150131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 63A | MC1B-A63 | | **MC163131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 80A | MC1B-A80 | | **MC180131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 100A | MC1B-A100 | | **MC110131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 125A | MC1B-A125 | | **MC112131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 160A | MC1B-A160 | | **MC116131** |
| **40 to 100A with motor protection** | | | |
| Moulded Case Circuit Breaker type M, 3-pole, 25kA, 40A | MC1B-M40 | | MC140136 |
| Moulded Case Circuit Breaker type M, 3-pole, 25kA, 50A | MC1B-M50 | | MC150136 |
| Moulded Case Circuit Breaker type M, 3-pole, 25kA, 63A | MC1B-M63 | | **MC163136** |
| Moulded Case Circuit Breaker type M, 3-pole, 25kA, 80A | MC1B-M80 | | **MC180136** |
| Moulded Case Circuit Breaker type M, 3-pole, 25kA, 100A | MC1B-M100 | | **MC110136** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCCB MC Size 1 - 3-pole, 50kA



MC120231

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **20 to 160A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 20A | MC1N-A20 | | **MC120231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 25A | MC1N-A25 | | MC125231 |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 32A | MC1N-A32 | | **MC132231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 40A | MC1N-A40 | | **MC140231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 50A | MC1N-A50 | | **MC150231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 63A | MC1N-A63 | | **MC163231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 80A | MC1N-A80 | | **MC180231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 100A | MC1N-A100 | | **MC110231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 125A | MC1N-A125 | | **MC112231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 160A | MC1N-A160 | | **MC116231** |
| **40 to 100A with motor protection** | | | |
| Moulded Case Circuit Breaker type M, 3-pole, 50kA, 40A | MC1N-M40 | | MC140236 |
| Moulded Case Circuit Breaker type M, 3-pole, 50kA, 50A | MC1N-M50 | | MC150236 |
| Moulded Case Circuit Breaker type M, 3-pole, 50kA, 63A | MC1N-M63 | | MC163236 |
| Moulded Case Circuit Breaker type M, 3-pole, 50kA, 80A | MC1N-M80 | | MC180236 |
| Moulded Case Circuit Breaker type M, 3-pole, 50kA, 100A | MC1N-M100 | | MC110236 |

## MCCB MC Size 1 - 3-pole, 100kA



MC120331

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **20 to 160A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 100kA, 20A | MC1H-A20 | | MC120331 |
| Moulded Case Circuit Breaker type A, 3-pole, 100kA, 25A | MC1H-A25 | | MC125331 |
| Moulded Case Circuit Breaker type A, 3-pole, 100kA, 32A | MC1H-A32 | | MC132331 |
| Moulded Case Circuit Breaker type A, 3-pole, 100kA, 40A | MC1H-A40 | | MC140331 |
| Moulded Case Circuit Breaker type A, 3-pole, 100kA, 50A | MC1H-A50 | | MC150331 |
| Moulded Case Circuit Breaker type A, 3-pole, 100kA, 63A | MC1H-A63 | | MC163331 |
| Moulded Case Circuit Breaker type A, 3-pole, 100kA, 80A | MC1H-A80 | | MC180331 |
| Moulded Case Circuit Breaker type A, 3-pole, 100kA, 100A | MC1H-A100 | | MC110331 |
| Moulded Case Circuit Breaker type A, 3-pole, 100kA, 125A | MC1H-A125 | | MC112331 |
| Moulded Case Circuit Breaker type A, 3-pole, 100kA, 160A | MC1H-A160 | | MC116331 |
| **40 to 100A with motor protection** | | | |
| Moulded Case Circuit Breaker type M, 3-pole, 100kA, 40A | MC1H-M40 | | MC140336 |
| Moulded Case Circuit Breaker type M, 3-pole, 100kA, 50A | MC1H-M50 | | MC150336 |
| Moulded Case Circuit Breaker type M, 3-pole, 100kA, 63A | MC1H-M63 | | MC163336 |
| Moulded Case Circuit Breaker type M, 3-pole, 100kA, 80A | MC1H-M80 | | MC180336 |
| Moulded Case Circuit Breaker type M, 3-pole, 100kA, 100A | MC1H-M100 | | MC110336 |

## MCCB MC Size 1 - 4-pole, 25kA


MC120141

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **20 to 160A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 20A | MC1B-4-A20 | | **MC120141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 25A | MC1B-4-A25 | | **MC125141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 32A | MC1B-4-A32 | | **MC132141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 40A | MC1B-4-A40 | | **MC140141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 50A | MC1B-4-A50 | | **MC150141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 63A | MC1B-4-A63 | | **MC163141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 80A | MC1B-4-A80 | | **MC180141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 100A | MC1B-A100 | | **MC110141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 125A | MC1B-4-A125 | | **MC112141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 160A | MC1B-4-A160 | | **MC116141** |

## MCCB MC Size 1 - 4-pole, 50kA


MC120241

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **20 to 160A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 20A | MC1N-4-A20 | | MC120241 |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 25A | MC1N-4-A25 | | MC125241 |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 32A | MC1N-4-A32 | | **MC132241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 40A | MC1N-4-A40 | | **MC140241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 50A | MC1N-4-A50 | | **MC150241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 63A | MC1N-4-A63 | | **MC163241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 80A | MC1N-4-A80 | | **MC180241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 100A | MC1N-4-A100 | | **MC110241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 125A | MC1N-4-A125 | | MC112241 |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 160A | MC1N-4-A160 | | MC116241 |

## MCCB MC Size 1 - 3-pole, 25kA, plug-in



MC120131S

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **20 to 125A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A 3-pole, 25kA, 20A + plug-in | MC1B-A20-SVE | | MC120131S |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 25A + plug-in | MC1B-A25-SVE | | MC125131S |
| Moulded Case Circuit Breaker type A, 3-pole 25kA, 32A + plug-in | MC1B-A32-SVE | | MC132131S |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 40A + plug-in | MC1B-A40-SVE | | MC140131S |
| Moulded Case Circuit Breaker type A, 3-pole 25kA, 50A + plug-in | MC1B-A50-SVE | | MC150131S |
| Moulded Case Circuit Breaker type A, 3-pole 25kA, 63A + plug-in | MC1B-A63-SVE | | MC163131S |
| Moulded Case Circuit Breaker type A, 3-pole 25kA, 80A + plug-in | MC1B-A80-SVE | | MC180131S |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 100A + plug-in | MC1B-A100-SVE | | MC110131S |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 125A + plug-in | MC1B-A125-SVE | | MC112131S |

## MCCB MC Size 1 - 3-pole, 50kA, plug-in



MC120231S

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **20 to 125A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 20A + plug-in | MC1N-A20-SVE | | MC120231S |
| Moulded Case Circuit Breaker type A, 3-pole 50kA, 25A + plug-in | MC1N-A25-SVE | | MC125231S |
| Moulded Case Circuit Breaker type A, 3-pole 50kA, 32A + plug-in | MC1N-A32-SVE | | MC132231S |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 40A + plug-in | MC1N-A40-SVE | | MC140231S |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 50A + plug-in | MC1N-A50-SVE | | MC150231S |
| Moulded Case Circuit Breaker type A 3-pole 50kA, 63A + plug-in | MC1N-A63-SVE | | MC163231S |
| Moulded Case Circuit Breaker type A, 3-pole 50kA, 80A + plug-in | MC1N-A80-SVE | | MC180231S |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 100A + plug-in | MC1N-A100-SVE | | MC110231S |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 125A + plug-in | MC1N-A125-SVE | | MC112231S |



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# Load Switches MC Size 1 - 3-pole

## Load Switches MC Size 1 - 3-pole



MC116034

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **63 to 160A - Load Switches, not remote releasable** | | | |
| Switch Disconnector, 3-pole, 63A | MC1-PN-63 | | **MC163034** |
| Switch Disconnector, 3-pole, 100A | MC1-PN-100 | | **MC110034** |
| Switch Disconnector, 3-pole, 125A | MC1-PN-125 | | **MC112034** |
| Switch Disconnector, 3-pole, 160A | MC1-PN-160 | | **MC116034** |
| **63 to 160A - Load Switches, remote releasable** | | | |
| Switch Disconnector, 3-pole, 63A for remote operation | MC1-N-63 | | **MC163035** |
| Switch Disconnector, 3-pole, 100A for remote operation | MC1-N-100 | | **MC110035** |
| Switch Disconnector, 3-pole, 125A for remote operation | MC1-N-125 | | **MC112035** |
| Switch Disconnector, 3-pole, 160A for remote operation | MC1-N-160 | | **MC116035** |

## Load Switches MC Size 1 - 4-pole



MC112044

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **63 to 160A - Load Switches, not remote releasable** | | | |
| Switch Disconnector, 4-pole, 63A | MC1-PN-4-63 | | MC163044 |
| Switch Disconnector, 4-pole, 100A | MC1-PN-4-100 | | **MC110044** |
| Switch Disconnector, 4-pole, 125A | MC1-PN-4-125 | | **MC112044** |
| Switch Disconnector, 4-pole, 160A | MC1-PN-4-160 | | MC116044 |
| **63 to 125A - Load Switches, remote releasable** | | | |
| Switch Disconnector, 4-pole, 63A for remote operation | MC1-N-4-63 | | MC163045 |
| Switch Disconnector, 4-pole, 100A for remote operation | MC1-N-4-100 | | **MC110045** |
| Switch Disconnector, 4-pole, 125A for remote operation | MC1-N-4-125 | | **MC112045** |

## MCCB MC Size 1 - Accessories


MC190195


MC196777


MC190199


MC190015


MC190125


MC195700

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **General accessories** | | | |
| Door Sealing Frame for MC1 | MC1-XBR | | MC190195 |
| Socket base 3-pole for MC1 | MC1-XSVS | | MC196777 |
| Toggle Lever Locking Device for MC1 | MC1-XKAV | | MC190199 |
| Spacer, MC1/2 | MC1/2-XAB | | **MC190203** |
| Clip Plate 25mm for MC1 | MC1-XC35 | | **MC190213** |
| Main switch set for MC1 with door interlock, black/grey, MC1 | MC1-XHB | | MC196626 |
| Main switch set for MC1 with door interlock, red/yellow, MC1 | MC1-XHBR | | **MC196632** |
| Early make auxiliary contact, MC1 | MC1-XHIVL | | **MC199432** |
| **Connecting technic, accessories** | | | |
| Box Terminal 3-pole for MC1 | MC1-XKC | | MC190015 |
| Screw Terminal 3-pole for MC1 | MC1-XKS | | **MC190019** |
| Terminal Cover 3-pole, MC1 | MC1-XKSA | | **MC190021** |
| Control Circuit Terminal for Screw Connection, MC1 | MC1-XSTS | | MC190150 |
| Terminal Cover 3-pole, MC1 | MC1-XKSFA | | **MC190780** |
| Terminal Cover 4-pole, MC1 | MC1-4-XKSFA | | **MC190781** |
| 60mm Busbar Adapter 160A, 3-pole, MC1 | 32570 | | **MC195700** |
| Phase separator plates for MC1, 3-pole | MC1-XKP | | MC196609 |
| Screw Terminal 4-pole for MC1 | MC1-4-XKS | | MC196725 |
| Tunnel Terminal 90mm², 3-pole for MC1 | MC1-XKA | | **MC196730** |
| Tunnel Terminal 95mm², 4-pole for MC1 | MC1-4-XKA | | **MC196731** |
| Rear Connection 3-pole, MC1 | MC1-XKR | | MC196734 |
| Control Circuit Terminal, MC1-4 | MC1-XSTK | | **MC196739** |
| Terminal Cover 4-pole, MC1 | MC1-4-XKSA | | **MC196741** |
| IP2x finger protection for box terminal, 3-pole, MC1 | MC1-XIPK | | **MC196744** |
| IP2X protection for terminal cover MC1, 3-pole | MC1-XIPA | | MC196748 |
| IP2X finger protection for terminal cover, 4-pole, MC1 | MC1-4-XIPA | | MC196749 |
| Phase separator plates for MC1, 4-pole | MC1-4-XKP | | MC196870 |
| Box Terminal 4-pole for MC1 | MC1-4-XKC | | MC197075 |
| **Rotary handles, door coupling handles, accessories** | | | |
| Rotary Handle complete, lockable for MC1 | MC1-XDV | | **MC190125** |
| Rotary Handle with door interlock, black/grey | MC1-XTVD | | MC190131 |
| Rotary Handle red/yellow lockable for MC1 | MC1-XDVR | | **MC190135** |
| Rotary Handle Emergency-Stop with door interlock | MC1-XTVDR | | MC190142 |
| Door Coupling Rotary Handle, lockable, black/grey, MC1 | MC1-XTVD | | **MC190166** |
| Door Coupling Rotary Handle, lockable, MC1 | MC1-XTVDV | | **MC190172** |
| Door Coupling Rotary Handle, lockable, red/yellow, MC1 | MC1-XTVDVR | | **MC190178** |
| Extension Shaft 600mm, MC1/2 | MC1/2-XV6 | | **MC190191** |
| Extension Shaft 400mm, MC1/2 | MC1/2-XV4 | | **MC191232** |
| Door coupling for MC1 60mm | MC1-XTVDVR-60 | | MC191512 |
| Mechanical Interlock for MC1 | MC1-XMV | | **MC191581** |
| **Under voltage release units, shunt-trips and accessories** | | | |
| Undervoltage Release 24VAC for MC1, included 3m cable | MC1-XUL24AC | | MC199462 |
| Undervoltage Release 208-240VAC for MC1, included 3m cable | MC1-XUL208-240 | | **MC199471** |
| Undervoltage Release 380-440VAC for MC1, included 3m cable | MC1-XUL380-440 | | MC199473 |
| Undervoltage Release 24VDC for MC1, included 3m cable | MC1-XUL24DC | | **MC199481** |
| Undervoltage Release 220-250VDC for MC1, included 3m cable | MC1-XUL220-250 | | MC199489 |
| Undervoltage Release with 2 early make Contacts, 230VAC, MC1 | MC1-XUHIV208-240 | | **MC199565** |
| Undervoltage Release with 2 early make Contacts, 400VAC, MC1 | MC1-XUHIV380-440 | | MC199567 |
| Time-delay unit for MC1-MC4 | MC-UVU | | **MC190154** |
| Undervoltage Release for time-delay unit, MC1 | MC1-XUVL | | MC191607 |

## MCCB MC Size 1 - Accessories


MC194608



MM216376


MM107899


MC190172

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Under voltage release units, shunt-trips and accessories** | | | |
| Shunt trip 115V AC/DC with 3m cable for MC1 | MC1-XAL110-130 | | MC199742 |
| Shunt trip 24V AC/DC with 3m cable for MC1 | MC1-XAL24VAC/DC | | **MC199736** |
| Shunt trip 208-250V AC/DC with 3m cable for MC1 | MC1-XAL208-250 | | **MC199744** |
| Shunt trip 24V AC/DC with 1 early make auxiliary contact and 3m cable for MC1 | MC1-XAHIVL24 | | MC199792 |
| Shunt trip 230V AC/DC with 1 early make auxiliary contact and 3m cable for MC1 | MC1-XAHIVL208-250 | | MC199800 |
| **Residual current release units and accessories** | | | |
| Earth Leakage Release, right hand mounting, 3-pole 30mA, MC1 | MC1-XFI30R | | MC194603 |
| Earth Leakage Release, right hand mounting, 3-pole 300mA, MC1 | MC1-XFI300R | | **MC194604** |
| Earth Leakage Release, right hand mounting, 3-pole up to 3A, MC1 | MC1-XFIR | | **MC194605** |
| Earth Leakage Release, bottom mounting, 3-pole 30mA, MC1 | MC1-XFI30U | | MC194609 |
| Earth Leakage Release, bottom mounting, 3-pole 300mA, MC1 | MC1-XFI300U | | MC194610 |
| Earth Leakage Release, right hand mounting, 4-pole 30mA, MC2 | MC1-4-XFI30R | | MC194606 |
| Earth Leakage Release, right hand mounting, 4-pole 300mA, MC1 | MC1-4-XFI300R | | MC194607 |
| Earth Leakage Release, right hand mounting, 4-pole up to 3A, MC1 | MC1-4-XFIR | | **MC194608** |
| Earth Leakage Release, bottom mounting, 4-pole 30mA, MC1 | MC1-4-XFI30U | | MC194612 |
| Earth Leakage Release, bottom mounting, 4-pole 300mA, MC1 | MC1-4-XFI300U | | MC194613 |
| Earth Leakage Release, bottom mounting, 4-pole up to 3A, MC1 | MC1-4-XFIU | | **MC194614** |
| **Auxiliary contacts** | | | |
| NO contact block, front montage | M22-K10 | | **MM216376** |
| NC contact block, front montage | M22-K01 | | **MM216378** |
| Double NO contact, Cage clamp | M22-CK20 | | **MM107898** |
| Double NC contact, Cage clamp | M22-CK02 | | **MM107899** |
| NO+NC, Cage clamp | M22-CK11 | | **MM107940** |

## MCCB MC Size 2 - 3-pole, 25kA


MC212131

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **125 to 300A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 125A | MC2B-A125 | | **MC212131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 160A | MC2B-A160 | | **MC216131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 200A | MC2B-A200 | | **MC220131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 250A | MC2B-A250 | | **MC225131** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 300A | MC2B-A300 | | **MC230131** |
| **125 to 200A with motor protection** | | | |
| Moulded Case Circuit Breaker type M, 3-pole, 25kA, 125A | MC2B-M125 | | **MC212136** |
| Moulded Case Circuit Breaker type M, 3-pole, 25kA, 160A | MC2B-M160 | | **MC216136** |
| Moulded Case Circuit Breaker type M, 3-pole, 25kA, 200A | MC2B-M200 | | **MC220136** |

## MCCB MC Size 2 - 3-pole, 36kA


MC216431

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **160 to 300A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 160A | MC2C-A160 | | **MC216431** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 200A | MC2C-A200 | | MC220431 |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 250A | MC2C-A250 | | **MC225431** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 300A | MC2C-A300 | | MC230431 |

## MCCB MC Size 2 - 3-pole, 50kA


MC216231

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **125 to 300A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 125A | MC2N-A125 | | **MC212231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 160A | MC2N-A160 | | **MC216231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 200A | MC2N-A200 | | **MC220231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 250A | MC2N-A250 | | **MC225231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 300A | MC2N-A300 | | MC230231 |
| **125 to 200A with motor protection** | | | |
| Moulded Case Circuit Breaker type M, 3-pole, 50kA, 125A | MC2N-M125 | | MC212236 |
| Moulded Case Circuit Breaker type M, 3-pole, 50kA, 160A | MC2N-M160 | | MC216236 |
| Moulded Case Circuit Breaker type M, 3-pole, 50kA, 200A | MC2N-M200 | | MC220236 |
| **100 to 250A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 100A | MC2N-VE100 | | **MC210233** |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 160A | MC2N-VE160 | | **MC216233** |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 250A | MC2N-VE250 | | **MC225233** |
| **90 to 220A with electronic motor protection** | | | |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 90A | MC2N-ME90 | | **MC290237** |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 140A | MC2N-ME140 | | **MC214237** |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 220A | MC2N-ME220 | | **MC222237** |

## MCCB MC Size 2 - 3-pole, 150kA



MC263331

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **20 to 300A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 20A | MC2H-A20 | | MC202331 |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 25A | MC2H-A25 | | MC205331 |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 32A | MC2H-A32 | | MC232331 |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 40A | MC2H-A40 | | MC240331 |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 50A | MC2H-A50 | | MC250331 |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 63A | MC2H-A63 | | **MC263331** |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 80A | MC2H-A80 | | **MC280331** |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 100A | MC2H-A100 | | **MC210331** |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 125A | MC2H-A125 | | MC212331 |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 160A | MC2H-A160 | | MC216331 |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 200A | MC2H-A200 | | MC220331 |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 250A | MC2H-A250 | | MC225331 |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 300A | MC2H-A300 | | MC230331 |
| **100 to 250A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 150kA, 100A | MC2H-VE100 | | MC210333 |
| Moulded Case Circuit Breaker type VE, 3-pole, 150kA, 160A | MC2H-VE160 | | MC216333 |
| Moulded Case Circuit Breaker type VE, 3-pole, 150kA, 250A | MC2H-VE250 | | MC225333 |
| **90 to 220A with electronic motor protection** | | | |
| Moulded Case Circuit Breaker type ME, 3-pole, 100kA, 90A | MC2H-ME90 | | MC290337 |
| Moulded Case Circuit Breaker type ME, 3-pole, 150kA, 140A | MC2H-ME140 | | MC214337 |
| Moulded Case Circuit Breaker type ME, 3-pole, 150kA, 220A | MC2H-ME220 | | MC222337 |

## MCCB MC Size 2 - 4-pole, 25kA



MC216141

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **125 to 300A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 125A | MC2B-4-A125 | | MC212141 |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 160A | MC2B-4-A160 | | **MC216141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 200A | MC2B-4-A200 | | **MC220141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 250A | MC2B-4-A250 | | **MC225141** |
| Moulded Case Circuit Breaker type A, 4-pole, 25kA, 300A | MC2B-4-A300 | | MC230141 |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCCB MC Size 2 - 4-pole, 50kA



MC212241

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **125 to 300A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 125A | MC2N-4-A125 | | **MC212241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 160A | MC2N-4-A160 | | **MC216241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 160A/100A, reduced Neutral | MC2N-4-A160/100 | | MC216241R |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 200A | MC2N-4-A200 | | **MC220241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 200A/125A, reduced Neutral | MC2N-4-A200/125 | | MC220241R |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 250A | MC2N-4-A250 | | **MC225241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 250A/160A, reduced Neutral | MC2N-4-A250/160 | | MC225241R |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 300A | MC2N-4-A300 | | MC230241 |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 300A/200A, reduced Neutral | MC2N-4-A300/200 | | MC230241R |
| **100 to 250A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 100A | MC2N-4-VE100 | | **MC210243** |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 160A | MC2N-4-VE160 | | **MC216243** |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 160A/100A, reduced Neutral | MC2N-4-VE160/100 | | MC216243R |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 250A | MC2N-4-VE250 | | **MC225243** |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 250/160A | MC2N-4-VE250/160 | | MC225243R |

## MCCB MC Size 2 - 4-pole, 150kA



MC210343

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **20 to 300A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 20A | MC2H-4-A20 | | MC202341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 25A | MC2H-4-A25 | | MC205341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 32A | MC2H-4-A32 | | MC232341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 40A | MC2H-4-A40 | | MC240341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 50A | MC2H-4-A50 | | MC250341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 63A | MC2H-4-A63 | | MC263341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 80A | MC2H-4-A80 | | MC280341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 100A | MC2H-4-A100 | | MC210341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 125A | MC2H-4-A125 | | MC212341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 160A | MC2H-4-A160 | | MC216341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 200A | MC2H-4-A200 | | MC220341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 250A | MC2H-4-A250 | | MC225341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 300A | MC2H-4-A300 | | MC230341 |
| **100 to 250A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 4-pole, 150kA, 100A | MC2H-4-VE100 | | MC210343 |
| Moulded Case Circuit Breaker type VE, 4-pole, 150kA, 160A | MC2H-4-VE160 | | MC216343 |
| Moulded Case Circuit Breaker type VE, 4-pole, 150kA, 250A | MC2H-4-VE250 | | MC225343 |

## MCCB MC Size 2 - 3-pole, 25kA, plug-in



MC216136S

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **160 to 250A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 160A + plug-in | MC2B-A160-SVE | | **MC216131S** |
| Moulded Case Circuit Breaker type A, 3-pole, 25kA, 200A + plug-in | MC2B-A200-SVE | | MC220131S |
| Moulded Case Circuit Breaker type A, 3-pole 25kA, 250A + plug-in | MC2B-A250-SVE | | **MC225131S** |
| **160A with motor protection** | | | |
| Moulded Case Circuit Breaker type M, 3-pole, 25kA, 160A + plug-in | MC2B-M160-SVE | | MC216136S |

## MCCB MC Size 2 - 3-pole, 36kA, plug-in



MC216431S

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **160 to 250A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole 36kA, 160A + plug-in | MC2C-A160-SVE | | MC216431S |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 200A + plug-in | MC2C-A200-SVE | | MC220431S |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 250A + plug-in | MC2C-A250-SVE | | MC225431S |

## MCCB MC Size 2 - 3-pole, 50kA, plug-in



MC216233S

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **160 to 250A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 160A + plug-in | MC2N-A160-SVE | | MC216231S |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 200A + plug-in | MC2N-A200-SVE | | MC220231S |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 250A + plug-in | MC2N-A250-SVE | | MC225231S |
| **160A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 160A + plug-in. | MC2N-VE160-SVE | | **MC216233S** |

## MCCB MC Size 2 - 3-pole, 150kA, plug-in



MC214337S

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **32 to 100A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 32A + plug-in | MC2H-A32-SVE | | MC232331S |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 50A + plug-in | MC2H-A50-SVE | | MC250331S |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 80A + plug-in | MC2H-A80-SVE | | MC280331S |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 100A+ plug-in | MC2H-A100-SVE | | MC210331S |
| **100 to 250A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 150kA, 100A + plug-in | MC2H-VE100-SVE | | MC210333S |
| Moulded Case Circuit Breaker type VE, 3-pole, 150kA, 160A + plug-in | MC2H-VE160-SVE | | MC216333S |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 250A + plug-in | NZMH2-VE250-SVE | | MC225333S |
| **140A with electronic motor protection** | | | |
| Moulded Case Circuit Breaker type ME, 3-pole, 100kA, 140A + plug-in | MC2H-ME140-SVE | | MC214337S |

## MCCB MC Size 2 - 4-pole, 50kA, plug-in



MC210243S

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **100 to 250A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 100A + plug-in | MC2N-4-VE100-SVE | | **MC210243S** |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 160A + plug-in | MC2N-4-VE160-SVE | | **MC216243S** |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 250A + plug-in | MC2N-4-VE250-SVE | | **MC225243S** |

## MCCB MC Size 2 - 4-pole, 150kA, plug-in



MC210341S

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **32 to 100A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 32A + plug-in | MC2H-4-A32-SVE | | **MC232341S** |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 50A + plug-in | MC2H-4-A50-SVE | | **MC250341S** |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 100A + plug-in | MC2H-4-A100 | | MC210341S |



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## Load Switches MC Size 2 - 3-pole



MC216034

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **160 to 250A - Load Switches, not remote releasable** | | | |
| Switch Disconnector, 3-pole, 160A | MC2-PN-160 | | **MC216034** |
| Switch Disconnector, 3-pole, 200A | MC2-PN-200 | | **MC220034** |
| Switch Disconnector, 3-pole, 250A | MC2-PN-250 | | **MC225034** |
| **160 to 250A - Load Switches, remote releasable** | | | |
| Switch Disconnector, 3-pole, 160A for remote operation | MC2-N-160 | | **MC216035** |
| Switch Disconnector, 3-pole, 200A for remote operation | MC2-N-200 | | **MC220035** |
| Switch Disconnector, 3-pole, 250A for remote operation | MC2-N-250 | | **MC225035** |

## Load Switches MC Size 2 - 4-pole



MC216044

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **160 to 250A - Load Switches, not remote releasable** | | | |
| Switch Disconnector, 4-pole, 160A | MC2-PN-4-160 | | MC216044 |
| Switch Disconnector, 4-pole, 200A | MC2-PN-4-200 | | **MC220044** |
| Switch Disconnector, 4-pole, 250A | MC2-PN-4-250 | | **MC225044** |
| **160 to 250A - Load Switches, remote releasable** | | | |
| Switch Disconnector, 4-pole, 160A for remote operation | MC2-N-4-160 | | **MC216045** |
| Switch Disconnector, 4-pole, 200A for remote operation | MC2-N-4-200 | | MC220045 |
| Switch Disconnector, 4-pole, 250A for remote operation | MC2-N-4-250 | | **MC225045** |

## MCCB MC Size 2 - Accessories


MC296720V2


MC290201


MC290038


MC294640


MC296872


MC290032

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **General accessories** | | | |
| Toggle Lever Locking Device for MC2 | MC2/3-XKAV | ✓ | **MC290201** |
| Clip Plate 75mm for MC2 | MC2-XC75 | | MC290215 |
| Main switch set with door interlock, black/grey, MC2 | MC2-XHB | | MC296627 |
| Main switch set with door interlock, red/yellow, MC2 | MC2-XHBR | | MC296633 |
| **Connecting technic, accessories** | | | |
| Terminal Cover 3-pole, MC2 | MC2-XKSA | ✓ | **MC290038** |
| 60mm Busbar Adapter 250A, 3-pole, MC2 | 32140 | ✓ | **MC291400** |
| Cover for Adapter MC2, 3-pole | MC2-XKR4 | ✓ | **MC291666V2** |
| Extra Cover for Remote Operator for MC2 4-pole | MC2-XAVPR | ✓ | **MC296677** |
| Control Circuit Terminal for screw connection, MC2 | MC2-XSTS | ✓ | **MC290156** |
| Door Sealing Frame for MC2 | MC2-XBR | | MC290197 |
| Tunnel Terminal 185mm², 3-pole for MC2 | MC2-XKA | ✓ | **MC291457** |
| Tunnel Terminal 1x185mm², 4-pole for MC2 | MC2-4-XKA | ✓ | **MC291458** |
| Box Terminal 160A for MC2 (3 pcs.) | MC2-160-XKC | ✓ | **MC292240** |
| Box Terminal 250A for MC2 (3 pcs.) | MC2-250-XKC | ✓ | **MC292244** |
| Box Terminal 160A for MC2 (4 pcs.) | MC2-4-160-XKC | ✓ | **MC296755** |
| Box Terminal 250A for MC2-4 (4 pcs.) | MC2-4-250-XKC | ✓ | **MC296756** |
| Connection Cover 3-pole, MC2 | MC2-XKSFA | ✓ | **MC294640** |
| Connection Cover 4-pole, MC2 | MC2-4-XKSFA | ✓ | **MC294641** |
| Rear Connection 3-pole, MC2 | MC2-XKR | | MC296765 |
| Rear Connection 4-pole, MC2 | MC2-4-XKR | | MC296768 |
| Phase separator plates for MC2, 3-pole | MC2-XKP | | MC296871 |
| Phase separator plates for MC2, 4-pole | MC2-4-XKP | | MC296872 |
| Cable Lug 95mm² MC2 | MC2-XKS95 | ✓ | **MC299775** |
| Cable Lug 120mm² MC2 | MC2-XKS120 | ✓ | **MC299776** |
| Cable Lug 150mm² MC2 | MC2-XKS150 | ✓ | **MC299777** |
| Cable Lug 185mm² MC2 | MC2-XKS185 | ✓ | **MC290032** |
| Screw Terminal 3-pole for MC2 | MC2-XKS | | MC290030 |
| Screw Terminal 4-pole for MC2 | MC2-4-XKS | | MC296750 |
| Terminal Cover 4-pole, MC2 | MC2-4-XKSA | ✓ | **MC296770** |
| IP2x finger protection for terminal cover, 3-pole, MC2 | MC2-XIPA | | MC296777 |
| IP2x-protection cover for terminals, 3-pole, for MC2 | MC2-XIPK | ✓ | **MC296773** |
| IP2x-protection cover for terminals, 4-pole, for MC2 | MC2-4-XIPK | | MC296774 |
| IP2x finger protection for terminal cover, 4-pole, MC2 | MC2-4-XIPA | | MC296778 |
| Control Circuit Unit for auxiliary contact, MC1/2, MC1/2-N | MC2-XSVHI | | MC296705 |
| Control Circuit Unit for remote operator | MC2-XSVR | | MC296706 |
| **Rotary handles, door coupling handles, accessories** | | | |
| Rotary Handle complete, lockable for MC2 | MC2-XDV | ✓ | **MC290127** |
| Rotary Handle with door interlock, black/grey for MC2 | MC2-XDTV | | MC290133 |
| Rotary Handle red/yellow lockable | MC2-XDVR | ✓ | **MC290137** |
| Rotary Handle emergency stop with door interlock | MC2-XDTVR | | MC290144 |
| Door Coupling Rotary Handle, lockable, black/grey, MC2 | MC2-XTVD | ✓ | **MC290168** |
| Door Coupling Rotary Handle, lockable, black/grey 0/1, MC2 | MC2-XTVDV | ✓ | **MC290174** |
| Door Coupling Rotary Handle, lockable, red/yellow, MC2 | MC2-XTVDVR | ✓ | **MC290180** |
| Mechanical Interlock for MC2 | MC2-XMV | ✓ | **MC291582** |
| Mechanical Interlock for Remote Operator for MC2 | MC2-XMVR | ✓ | **MC294543** |
| Mechanical Interlock for Remote Operator for MC2/3 | MC2/3-XMVR | ✓ | **MC294544** |
| Mechanical Interlock for Remote Operator for MC2, long | MC2-XMVRL | ✓ | **MC294548** |
| Mechanical Interlock for Remote Operator for MC2/3, long | MC2/3-XMVRL | | MC294549 |
| Extension Shaft 600mm, MC1/2 | MC1/2-XV6 | ✓ | **MC190191** |

## MCCB MC Size 2 - Accessories


MC290137


MC191585


MC299499


MC299832


MM216376

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Rotary handles, door coupling handles, accessories** | | | |
| Spacer, MC1/2 | MC1/2-XAB | | **MC190203** |
| Extension Shaft 400mm, MC1/2 | MC1/2-XV4 | | **MC191232** |
| Door coupling for MC2 60mm | MC2-XTVDVR-60 | | MC191513 |
| Bowden Cable 225mm | MC-XBZ225 | | **MC191585** |
| Bowden Cable 600mm | MC-XBZ600 | | **MC191586** |
| Bowden Cable 1000mm | MC-XBZ1000 | | MC191587 |
| **Undervoltage release units, shunt-trips, motor operators and accessories** | | | |
| Undervoltage release 24V AC for MC2/3 | MC2/3-XU24AC | | **MC299491** |
| Undervoltage release 208-240V AC for MC2/3 | MC2/3-XU208-240 | | **MC299499** |
| Undervoltage release 380-440V AC for MC2/3 | MC2/3-XU380-440 | | **MC299501** |
| Undervoltage release 24V DC for MC2/3 | MC2/3-XU24DC | | **MC299509** |
| Undervoltage release of time-delay unit for MC2/3 | MC2-XUV | | **MC299527** |
| Undervoltage release 230V AC with 2 early make auxiliary contacts for MC2/3 | MC2/3-XUHIV208 | | **MC299591** |
| Undervoltage release 400V AC with 2 early make auxiliary contacts for MC2/3 | MC2/3-XUHIV380 | | MC299594 |
| Time-delay unit for MC1-MC4 | MC-UVU | | **MC190154** |
| Shunt trip 24V AC/DC for MC2/3 | MC2/3-XA24AC/DC | | **MC299754** |
| Shunt trip 110-130V AC/DC for MC2/3 | MC2/3-XA130AC/D | | MC299760 |
| Shunt trip 208-250V AC/DC for MC2/3 | MC2/3-XA208-250 | | **MC299763** |
| Shunt trip 24 VAC/DC with 1 early make auxiliary contact for MC2/3 | MC2/3-XAHIV24 | | MC299810 |
| Shunt trip 230 VAC/DC with 1 early make auxiliary contact for MC2/3 | MC2/3-XAHIV208- | | MC299818 |
| Remote Operator 24-30V DC for MC2 can be synchronised and interlocked | MC2-XR240DC | | **MC299836** |
| Remote Operator 24-30V DC for MC2 can not be synchronised and interlocked | MC2-XRD240DC | | **MC299837** |
| Remote Operator 48-60V DC for MC2 can be synchronised and interlocked | MC2-XR48-60DC | | **MC299838** |
| Remote Operator 208-240V AC for MC2 can be synchronised and interlocked | MC2-XR208-240AC | | **MC299832** |
| Remote Operator 208-240V AC for MC2 can not be synchronised and interlocked | MC2-XRD208-240A | | **MC299833** |
| **Residual current release units and accessories** | | | |
| RCD 4-pole for MC2, 30mA, pulse current sensitivity version 2 | MC2-4-XFI30 V2 | | MC296719V2 |
| RCD 4-pole for MC2, 0.1-1A, pulse current sensitivity version 2 | MC2-4-XFI | | **MC296720V2** |
| RCD 4-pole for MC2, 30mA, AC/DC current sensitivity version 2 | MC2-4-XFIA30 V2 | | **MC292345V2** |
| RCD 4-pole for MC2, 0.3-1A, AC/DC current sensitivity version 2 | MC2-4-XFIA V2 | | **MC292346V2** |
| Early make auxiliary contact, MC2/3 | MC2/3-XHIV | | **MC299430** |
| **Auxiliary contacts** | | | |
| NO contact block, front montage | M22-K10 | | **MM216376** |
| NC contact block, front montage | M22-K01 | | **MM216378** |
| Double NO contact, Cage clamp | M22-CK20 | | **MM107898** |
| Double NC contact, Cage clamp | M22-CK02 | | **MM107899** |
| NO+NC, Cage clamp | M22-CK11 | | **MM107940** |

## MCCB MC Size 2, plug-in - Accessories


MC296699

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **General accessories** | | | |
| Socket 3-pole for MC2 | MC2-XSVS | | **MC296699** |
| Socket 4-pole for MC2 | MC2-4-XSVS | | MC296700 |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCCB MC Size 3 - 3-pole, 36kA



MC332431

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **320 to 500A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 320A | MC3C-A320 | | **MC332431** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 400A | MC3C-A400 | | **MC340431** |
| Moulded Case Circuit Breaker type A, 3-pole, 36kA, 500A | MC3C-A500 | | **MC350431** |

## MCCB MC Size 3 - 3-pole, 50kA



MC332231

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **320 to 500A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 320A | MC3N-A320 | | **MC332231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 400A | MC3N-A400 | | **MC340231** |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 500A | MC3N-A500 | | **MC350231** |
| **250 to 630A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 250A | MC3N-AE250 | | **MC325232** |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 400A | MC3N-AE400 | | **MC340232** |
| Switch Disconnector 2/4-pole, 400A for remote operation, 1kVDC | MC3N-AE630 | | **MC363232** |
| **250 to 630A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 250A | MC3N-VE250 | | **MC325233** |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 400A | MC3N-VE400 | | **MC340233** |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 630A | MC3N-VE630 | | **MC363233** |
| **220 to 450A with electronic motor protection** | | | |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 220A | MC3N-ME220 | | MC322237 |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 350A | MC3N-ME350 | | **MC335237** |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 450A | MC3N-ME450 | | **MC345237** |

## MCCB MC Size 3 - 3-pole, 150kA



MC332331

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **320 to 500A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 320A | MC3H-A320 | | MC332331 |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 400A | MC3H-A400 | | MC340331 |
| Moulded Case Circuit Breaker type A, 3-pole, 150kA, 500A | MC3H-A500 | | MC350331 |
| **250 to 630A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 3-pole, 150kA, 250A | MC3H-AE250 | | MC325332 |
| Moulded Case Circuit Breaker type AE, 3-pole, 150kA, 400A | MC3H-AE400 | | **MC340332** |
| Moulded Case Circuit Breaker type AE, 3-pole, 150kA, 630A | MC3H-AE630 | | MC363332 |
| **250 to 630A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 150kA, 250A | MC3H-VE250 | | MC325333 |
| Moulded Case Circuit Breaker type VE, 3-pole, 150kA, 400A | MC3H-VE400 | | **MC340333** |
| Moulded Case Circuit Breaker type VE, 3-pole, 150kA, 630A | MC3H-VE630 | | **MC363333** |
| **220 to 450A with electronic motor protection** | | | |
| Moulded Case Circuit Breaker type ME, 3-pole, 150kA, 220A | MC3H-ME220 | | MC322337 |
| Moulded Case Circuit Breaker type ME, 3-pole, 150kA, 350A | MC3H-ME350 | | MC335337 |
| Moulded Case Circuit Breaker type ME, 3-pole, 150kA, 450A | MC3H-ME450 | | MC345337 |

## MCCB MC Size 3 - 4-pole, 50kA



MC340242

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| 320 to 500A with thermomagnetic release unit | | | |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 320A | MC3N-4-A320 | | **MC332241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 400A | MC3N-4-A400 | | **MC340241** |
| Moulded Case Circuit Breaker type A, 4-pole, 50kA, 500A | MC3N-4-A500 | | MC350241 |
| 400 to 630A with electronic release unit | | | |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 400A | MC3N-4-AE400 | | **MC340242** |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 400A/250A, reduced Neutral | MC3N-4-AE400/250 | | MC340242R |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 630A | MC3N-4-AE630 | | **MC363242** |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 630A/400A, reduced Neutral | MC3N-4-AE630/400 | | MC363242R |
| 400 to 630A with delayed electronic release unit | | | |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 400A | MC3N-4-VE400 | | **MC340243** |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 400A/250A, reduced Neutral | MC3N-4-VE400/250 | | MC340243R |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 630A | MC3N-4-VE630 | | **MC363243** |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 630A/400A, reduced Neutral | MC3N-4-VE630/400 | | MC363243R |

## MCCB MC Size 3 - 4-pole, 150kA



MC332341

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **320 to 500A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 320A | MC3H-4-A320 | | MC332341 |
| Moulded Case Circuit Breaker type A, 4-pole, 100kA, 400A | MC3H-4-A400 | | MC340341 |
| Moulded Case Circuit Breaker type A, 4-pole, 150kA, 500A | MC3H-4-A500 | | MC350341 |
| **400 to 630A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 4-pole, 150kA, 400A | MC3H-4-AE400 | | MC340342 |
| Moulded Case Circuit Breaker type AE, 4-pole, 150kA, 630A | MC3H-4-AE630 | | MC363342 |
| **400 to 630A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 4-pole, 150kA, 400A | MC3H-4-VE400 | | MC340343 |
| Moulded Case Circuit Breaker type VE, 4-pole, 150kA, 630A | MC3H-4-VE630 | | MC363343 |

## MCCB MC Size 3 - 3-pole, 50kA, withdrawable


MC340232A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **400 to 500A with thermomagnetic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 400A + withdrawable module | MC3N-AE400-AVE | | MC340231A |
| Moulded Case Circuit Breaker type A, 3-pole, 50kA, 500A | MC3N-A500-AVE | | MC350231A |
| **400 to 630A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 400A + withdrawable module | MC3N-AE400-AVE | | MC340232A |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 630A + withdrawable module | MC3N-AE630-AVE | | **MC363232A** |
| **400 to 630A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 400A + withdrawable module | MC3N-VE400-AVE | | MC340233A |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 630A + withdrawable module | MC3N-VE630-AVE | | **MC363233A** |
| **220 to 350A with electronic motor protection** | | | |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 220A + withdrawable module | MC3N-ME220-AVE | | MC322237A |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 350A + withdrawable module | MC3N-ME350-AVE | | MC335237A |

## MCCB MC Size 3 - 3-pole, 150kA, withdrawable


MC340333A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **400 to 630A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 3-pole, 150kA, 400A + withdrawable module | MC3H-AE400-AVE | | MC340332A |
| Moulded Case Circuit Breaker type AE, 3-pole, 150kA, 630A + withdrawable module | MC3H-AE630-AVE | | MC363332A |
| **400 to 630A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 150kA, 400A + withdrawable module | MC3H-VE400-AVE | | MC340333A |
| Moulded Case Circuit Breaker type VE, 3-pole, 150kA, 630A + withdrawable module | MC3H-VE630-AVE | | MC363333A |
| **220 to 350A with electronic motor protection** | | | |
| Moulded Case Circuit Breaker type ME, 3-pole, 150kA, 220A + withdrawable module | MC3H-ME220-AVE | | MC322337A |
| Moulded Case Circuit Breaker type ME, 3-pole, 150kA, 350A + withdrawable module | MC3H-ME350-AVE | | MC335337A |

## MCCB MC Size 3 - 4-pole, 50kA, withdrawable


MC340242A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **400 to 630A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 400A + withdrawable module | MC3N-4-AE400-AVE | | MC340242A |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 630A + withdrawable module | MC3N-4-AE630-AVE | | MC363242A |
| **400 to 630A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 400A + withdrawable module | MC3N-4-VE400-AVE | | MC340243A |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 630A + withdrawable module | MC3N-4-VE630-AVE | | MC363243A |

## MCCB MC Size 3 - 4-pole, 150kA, withdrawable


MC340342A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **400 to 630A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 4-pole, 150kA, 400A + withdrawable module | MC3H-4-AE400-AVE | | MC340342A |
| Moulded Case Circuit Breaker type AE, 4-pole, 150kA, 630A + withdrawable module | MC3H-4-AE630-AVE | | MC363342A |
| **400 to 630A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 4-pole, 150kA, 400A + withdrawable module | MC3H-4-VE400-AVE | | MC340343A |
| Moulded Case Circuit Breaker type VE, 4-pole, 150kA, 630A + withdrawable module | MC3H-4-VE630-AVE | | MC363343A |

## Load Switches MC Size 3 - 3-pole



MC340034

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **400 to 630A - Load Switches, not remote releasable** | | | |
| Switch Disconnector, 3-pole, 400A | MC3-PN-400 | | **MC340034** |
| Switch Disconnector, 3-pole, 630A | MC3-PN-630 | | **MC363034** |
| **400 to 630A - Load Switches, remote releasable** | | | |
| Switch Disconnector, 3-pole, 400A for remote operation | MC3-N-400 | | **MC340035** |
| Switch Disconnector, 3-pole, 630A for remote operation | MC3-N-630 | | **MC363035** |

## Load Switches MC Size 3 - 4-pole



MC340045

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **400 to 630A - Load Switches, not remote releasable** | | | |
| Switch Disconnector, 4-pole, 400A | MC3-PN-4-400 | | MC340044 |
| Switch Disconnector, 4-pole, 630A | MC3-PN-4-630 | | MC363044 |
| **400 to 630A - Load Switches, remote releasable** | | | |
| Switch Disconnector, 4-pole, 400A for remote operation | MC3-N-4-400 | | **MC340045** |
| Switch Disconnector, 4-pole, 630A for remote operation | MC3-N-4-630 | | **MC363045** |

## Load Switches MC Size 3 - 3-pole, withdrawable



MC340035A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **400 - 630A Load Switches, withdrawable** | | | |
| Switch Disconnector, 3-pole, 400A for remote operation + withdrawable module | MC3-N-400-AVE | | **MC340035A** |
| Switch Disconnector, 3-pole, 630A for remote operation + withdrawable module | MC3-N-630-AVE | | MC363035A |

## Load Switches MC Size 3 - 4-pole, withdrawable



MC340045A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **400 - 630A Load Switches, withdrawable** | | | |
| Switch Disconnector, 4-pole, 400A for remote operation + withdrawable module | MC3-N-4-400-AVE | | MC340045A |
| Switch Disconnector, 4-pole, 630A for remote operation + withdrawable module | MC3-N-4-630-AVE | | MC363045A |

## MCCB MC Size 3 - Accessories


MC390211


MC390042


MC390140


MC391700


MC391668


MC396804

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **General accessories** | | | |
| Spacer, MC3 | MC3-XAB | ✓ | **MC390211** |
| Door Sealing Frame for MC3 | MC3-XBR | | MC394645 |
| Main switch set with door interlock, black/grey, MC3 | MC3-XHB | | MC396628 |
| Main switch set with door interlock, red/yellow, MC3 | MC3-XHBR | | MC396634 |
| **Connecting technic, accessories** | | | |
| Screw connection 3-pole for MC3 | MC3-XKS | | MC390039 |
| Cable Lug 185mm² MC3 | MC3-XKS185 | ✓ | **MC390040** |
| Cable Lug 240mm² MC3 | MC3-XKS240 | ✓ | **MC390041** |
| Box Terminal 3-pole for MC3 | MC3-XKC | ✓ | **MC390042** |
| Terminal Cover 3-pole, MC3 | MC3-XKSA | ✓ | **MC390045** |
| Phase Separator Plate, 3-pole, MC3 | MC3-XKP | ✓ | **MC390512** |
| Connection Width Extension 3-pole 630A, MC3 | MC3-XKV70 | ✓ | **MC390514** |
| Box Terminal 300mm² 3-pole, MC3 | MC3-XK300 | | MC390782 |
| Connection Terminals max. 22x21mm², 3-pole | MC3-XK22X21 | | MC390784 |
| Tunnel Terminal 3-pole 1x185mm² for MC3 | MC3-XKA1 | ✓ | **MC391459** |
| Tunnel Terminal 3-pole 2x240mm² for MC3 | MC3-XKA2 | ✓ | **MC391461** |
| 60mm Busbar Adapter 630A, 3-pole, MC3 | 32170 | ✓ | **MC391700** |
| Cover for Adapter MC3, 3-pole | MC3-XKR13 | ✓ | **MC391668** |
| Connection cover, knock-out able, 3-pole for MC3 | MC3-XKSFA | | MC394642 |
| Rear Connection 3-pole, MC3 | MC3-XKR | | MC396792 |
| Control Circuit Terminal for Screw Connection, MC3/MC4 | MC3/4-XSTS | ✓ | **MC396797** |
| IP2x Finger Protection for Box Terminal, 3-pole, MC3 | MC3-XIPK | ✓ | **MC396804** |
| IP2x Finger Protection for Terminal Cover, 3-pole, MC3 | MC3-XIPA | ✓ | **MC396808** |
| Phase Separator Plate, 4-pole, MC3 | MC3-4-XKP | | MC390513 |
| Connection Width Extension 4-pole 630A, MC3 | MC3-4-XKV70 | | MC390515 |
| Box Terminal 300mm² 4-pole, MC3 | MC3-4-XK300 | | MC390783 |
| Connection Terminals max.22x21mm², 4-pole | MC3-XK22X21 | | MC390785 |
| Tunnel Terminal 4-pole 1x185mm² for MC3 | MC3-4-XKA1 | | MC391460 |
| Tunnel Terminal 4-pole 2x240mm² for MC3 | MC3-4-XKA2 | ✓ | **MC391462** |
| Connection cover, knock-out able, 4-pole for MC3 | MC3-4-XKSFA | | MC394643 |
| Extra Cover for Remote Operator for MC3 4-pole | MC3-XAVPR | ✓ | **MC396678** |
| Screw connection 4-pole for MC3 | MC3-4-XKS | | MC396780 |
| Box Terminal 4-pole for MC3 | MC3-4-XKC | | MC396783 |
| Rear Connection 4-pole, MC3 | MC3-4-XKR | | MC396795 |
| Terminal Cover 4-pole, MC3 | MC3-4-XKSA | ✓ | **MC396801** |
| IP2x Finger Protection for Box Terminal, 4-pole, MC3 | MC3-4-XIPK | | MC396805 |
| IP2x Finger Protection for Terminal Cover, 4-pole, MC3 | MC3-4-XIPA | | MC396809 |
| **Rotary handles, door coupling handles, accessories** | | | |
| Rotary Handle complete, lockable, black/grey for MC3 | MC3-XDV | ✓ | **MC390129** |
| Rotary Handle complete, lockable, red/yellow for MC3 | MC3-XDVR | ✓ | **MC390140** |
| Door Coupling Rotary Handle, lockable, black/grey, MC3 | MC3-XTVD | ✓ | **MC390170** |
| Door Coupling Rotary Handle, lockable, black/grey 0/1, MC3 | MC3-XTVDV | ✓ | **MC390176** |
| Door Coupling Rotary Handle, lockable, red/yellow, MC3 | MC3-XTVDVR | ✓ | **MC390182** |
| Extension Shaft 600mm, MC3/4 | MC3/4-XV6 | ✓ | **MC390193** |
| Extension Shaft 400mm, MC3/4 | MC3/4-XV4 | ✓ | **MC391234** |
| Mechanical Interlock for MC3 | MC3-XMV | ✓ | **MC391583** |
| Mechanical Interlock for Remote Operator MC3/4 | MC3/4-XMVR | ✓ | **MC394546** |
| Mechanical Interlock for Remote Operator MC3, long | MC3-XMVRL | ✓ | **MC394550** |
| Mechanical Interlock for Remote Operator MC3/4, long | MC3/4-XMVRL | | MC394551 |

## MCCB MC Size 3 - Accessories


MC391583


MC394545


MC900002


MC900070



MM216376

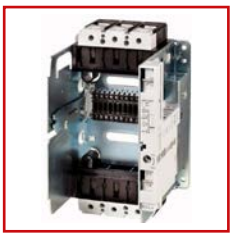

MM107899

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Undervoltage release units, shunt-trips, motor operators and accessories** | | | |
| Undervoltage release 24V AC for MC2/3 | MC2/3-XU24AC | | **MC299491** |
| Undervoltage release 208-240V AC for MC2/3 | MC2/3-XU208-240 | | **MC299499** |
| Undervoltage release 380-440V AC for MC2/3 | MC2/3-XU380-440 | | **MC299501** |
| Undervoltage release 24V DC for MC2/3 | MC2/3-XU24DC | | **MC299509** |
| Undervoltage release of time-delay unit for MC2/3 | MC2-XUV | | **MC299527** |
| Undervoltage release 230V AC with 2 early make auxiliary contacts for MC2/3 | MC2/3-XUHIV208 | | **MC299591** |
| Undervoltage release 400V AC with 2 early make auxiliary contacts for MC2/3 | MC2/3-XUHIV380 | | MC299594 |
| Time-delay unit for MC1-MC4 | MC-UVU | | **MC190154** |
| Shunt trip 24V AC/DC for MC2/3 | MC2/3-XA24AC/DC | | **MC299754** |
| Shunt trip 110-130V AC/DC for MC2/3 | MC2/3-XA130AC/D | | **MC299760** |
| Shunt trip 208-250V AC/DC for MC2/3 | MC2/3-XA208-250 | | **MC299763** |
| Shunt trip 24 VAC/DC with 1 early make auxiliary contact for MC2/3 | MC2/3-XAHIV24 | | MC299810 |
| Shunt trip 230 VAC/DC with 1 early make auxiliary contact for MC2/3 | MC2/3-XAHIV208- | | MC299818 |
| Mechanical Interlock for Remote Operator for MC3 | MC3-XMVR | | **MC394545** |
| Remote Operator 24-30V DC for MC3 can be synchronised and interlocked | MC3-XR240DC | | **MC399854** |
| Remote Operator 48-60V DC for MC3 can be synchronised and interlocked | MC3-XR48-60DC | | MC399856 |
| Remote Operator 208-240V AC for MC3 can be synchronised and interlocked | MC3-XR208-240AC | | **MC399850** |
| **Residual current release units and accessories** | | | |
| Earth Leakage Release 0.03A | FIR-0,03 | | MC900001 |
| Earth Leakage Release 0.3A | FIR-0,3 | | **MC900002** |
| Earth Leakage Release 0.03-5A, 0.02-5s, 1CO | FIR-5 | | **MC900003** |
| Magnetic Shielding for Core balance transformer MC900035 | FIR-WMA-35 | | MC900010 |
| Magnetic Shielding for Core balance transformer MC900070 | FIR-WMA-70 | | MC900011 |
| Magnetic Shielding for Core balance transformer MC900105 | FIR-WMA-105 | | MC900012 |
| Magnetic Shielding for Core balance transformer MC900140 | FIR-WMA-140 | | MC900013 |
| Magnetic Shielding for Core balance transformer MC900210 | FIR-WMA-210 | | MC900014 |
| Current Transformer dm=20mm | FIR-WS-20 | | MC900020 |
| Current Transformer dm=30mm | FIR-WS-30 | | **MC900030** |
| Current Transformer dm=35mm | FIR-WS-35 | | **MC900035** |
| Current Transformer dm=70mm | FIR-W-70 | | **MC900070** |
| Current Transformer dm=105mm | FIR-W-105 | | **MC900105** |
| Current Transformer dm=140mm | FIR-W-140 | | **MC900140** |
| Current Transformer dm=210mm | FIR-W-210 | | **MC900210** |
| Current Transformer 70x175mm | FIR-WR-175 | | **MC910175** |
| Current Transformer 115x305mm | FIR-WR-305 | | MC910305 |
| Current Transformer 150x350mm | FIR-WR-350 | | MC910350 |
| **Auxiliary contacts** | | | |
| NO contact block, front montage | M22-K10 | | **MM216376** |
| NC contact block, front montage | M22-K01 | | **MM216378** |
| Double NO contact, Cage clamp | M22-CK20 | | **MM107898** |
| Double NC contact, Cage clamp | M22-CK02 | | **MM107899** |
| NO+NC, Cage clamp | M22-CK11 | | **MM107940** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCCB MC Size 3, withdrawable - Accessories



MC396711

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **General accessories** | | | |
| Socket Base 3-pole, MC3 | MC3-XAVS | | **MC396711** |
| Socket Base 4-pole, MC3 | MC3-4-XAVS | | MC396712 |
| Main switch set with door interlock, red/yellow, MC3 | MC3-XHBR | | MC396634 |

## MCCB MC Size 4 - 3-pole, 50kA



MC463233

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **630 to 1600A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 630A | MC4N-AE630 | | **MC463232** |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 800A | MC4N-AE800 | | **MC480232** |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 1000A | MC4N-AE1000 | | **MC410232** |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 1250A | MC4N-AE1250 | | **MC412232** |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 1600A | MC4N-AE1600 | | **MC416232** |
| **630 to 1600A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 630A | MC4N-VE630 | | MC463233 |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 800A | MC4N-VE800 | | **MC480233** |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 1000A | MC4N-VE1000 | | **MC410233** |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 1250A | MC4N-VE1250 | | **MC412233** |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 1600A | MC4N-VE1600 | | **MC416233** |
| **550 to 1400A with electronic motor protection** | | | |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 550A | MC4N-ME550 | | MC455237 |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 875A | MC4N-ME875 | | MC487237 |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 1400A | MC4N-ME1400 | | MC414237 |

## MCCB MC Size 4 - 3-pole, 85kA



MC463333

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **630 to 1600A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 3-pole, 85kA, 630A | MC4H-AE630 | | MC463332 |
| Moulded Case Circuit Breaker type AE, 3-pole, 85kA, 800A | MC4H-AE800 | | **MC480332** |
| Moulded Case Circuit Breaker type AE, 3-pole, 85kA, 1000A | MC4H-AE1000 | | MC410332 |
| Moulded Case Circuit Breaker type AE, 3-pole, 85kA, 1250A | MC4H-AE1250 | | **MC412332** |
| Moulded Case Circuit Breaker type AE, 3-pole, 85kA, 1600A | MC4H-AE1600 | | **MC416332** |
| **630 to 1600A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 85kA, 630A | MC4H-VE630 | | MC463333 |
| Moulded Case Circuit Breaker type VE, 3-pole, 85kA, 800A | MC4H-VE800 | | MC480333 |
| Moulded Case Circuit Breaker type VE, 3-pole, 85kA, 1000A | MC4H-VE1000 | | MC410333 |
| Moulded Case Circuit Breaker type VE, 3-pole, 85kA, 1250A | MC4H-VE1250 | | MC412333 |
| Moulded Case Circuit Breaker type VE, 3-pole, 85kA, 1600A | MC4H-VE1600 | | **MC416333** |
| **550 to 1400A with electronic motor protection** | | | |
| Moulded Case Circuit Breaker type ME, 3-pole, 85kA, 550A | MC4H-ME550 | | MC455337 |
| Moulded Case Circuit Breaker type ME, 3-pole, 85kA, 875A | MC4H-ME875 | | MC487337 |
| Moulded Case Circuit Breaker type ME, 3-pole, 85kA, 1400A | MC4H-ME1400 | | MC414337 |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCCB MC Size 4 - 4-pole, 50kA



MC410243

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **800 to 1600A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 800A | MC4N-4-AE800 | | **MC480242** |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 1000A | MC4N-4-AE1000 | | MC410242 |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 1250A | MC4N-4-AE1250 | | MC412242 |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 1600A | MC4N-4-AE1600 | | MC416242 |
| 800 to 1600A with delayed electronic release unit | | | |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 800A | MC4N-4-VE800 | | MC480243 |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 800/500A, reduced Neutral | MC4N-4-VE800/500 | | MC480243R |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 1000A | MC4N-4-VE1000 | | **MC410243** |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 1000/630A, reduced Neutral | MC4N-4-VE1000/630 | | MC410243R |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 1250A | MC4N-4-VE1250 | | **MC412243** |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 1250A/800A, reduced Neutral | MC4N-4-VE1250/800 | | MC412243R |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 1600A | MC4N-4-VE1600 | | MC416243 |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 1600/1000A, reduced Neutral | MC4N-4-VE1600/1000 | | MC416243R |

## MCCB MC Size 4 - 4-pole, 85kA



MC480342

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **800 to 1600A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 4-pole, 85kA, 800A | MC4H-4-AE800 | | MC480342 |
| Moulded Case Circuit Breaker type AE, 4-pole, 85kA, 1000A | MC4H-4-AE1000 | | MC410342 |
| Moulded Case Circuit Breaker type AE, 4-pole, 85kA, 1250A | MC4H-4-AE1250 | | MC412342 |
| Moulded Case Circuit Breaker type AE, 4-pole, 85kA, 1600A | MC4H-4-AE1600 | | MC416342 |
| **800 to 1600A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 4-pole, 85kA, 800A | MC4H-4-VE800 | | MC480343 |
| Moulded Case Circuit Breaker type VE, 4-pole, 85kA, 1000A | MC4H-4-VE1000 | | MC410343 |
| Moulded Case Circuit Breaker type VE, 4-pole, 85kA, 1250A | MC4H-4-VE1250 | | MC412343 |
| Moulded Case Circuit Breaker type VE, 4-pole, 85kA, 1600A | MC4H-4-VE1600 | | MC416343 |

## MCCB MC Size 4 - 3-pole, 50kA, withdrawable



MC412232A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **630 to 1600A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 630A + withdrawable module | MC4N-AE630-AVE | | MC463232A |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 800A + withdrawable module | MC4N-AE800-AVE | | **MC480232A** |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 1000A + withdrawable module | MC4N-AE1000-AVE | | MC410232A |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 1250A + withdrawable module | MC4N-AE1250-AVE | | MC412232A |
| Moulded Case Circuit Breaker type AE, 3-pole, 50kA, 1600A + withdrawable module | MC4N-AE1600-AVE | | **MC416232A** |
| **630 to 1600A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 630A + withdrawable module | MC4N-VE630-AVE | | MC463233A |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 800A + withdrawable module | MC4N-VE800-AVE | | MC480233A |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 1000A + withdrawable module | MC4N-VE1000-AVE | | **MC410233A** |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 1250A + withdrawable module | MC4N-VE1250-AVE | | MC412233A |
| Moulded Case Circuit Breaker type VE, 3-pole, 50kA, 1600A + withdrawable module | MC4N-VE1600-AVE | | **MC416233A** |
| **1400A with electronic motor protection** | | | |
| Moulded Case Circuit Breaker type ME, 3-pole, 50kA, 1400A | MC4N-ME1400-AVE | | MC414237A |

## MCCB MC Size 4 - 3-pole, 85kA, withdrawable



MC463332A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **630 to 1600A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 3-pole, 85kA, 630A + withdrawable module | MC4H-AE630-AVE | | MC463332A |
| Moulded Case Circuit Breaker type AE, 3-pole, 85kA, 800A + withdrawable module | MC4H-AE800-AVE | | MC480332A |
| Moulded Case Circuit Breaker type AE, 3-pole, 85kA, 1000A + withdrawable module | MC4H-AE1000-AVE | | MC410332A |
| Moulded Case Circuit Breaker type AE, 3-pole, 85kA, 1250A + withdrawable module | MC4H-AE1250-AVE | | MC412332A |
| Moulded Case Circuit Breaker type AE, 3-pole, 85kA, 1600A + withdrawable module | MC4H-AE1600-AVE | | MC416332A |
| **630 to 1600A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 3-pole, 85kA, 630A + withdrawable module | MC4H-VE630-AVE | | MC463333A |
| Moulded Case Circuit Breaker type VE, 3-pole, 85kA, 800A + withdrawable module | MC4H-VE800-AVE | | MC480333A |
| Moulded Case Circuit Breaker type VE, 3-pole, 85kA, 1000A + withdrawable module | MC4H-VE1000-AVE | | MC410333A |
| Moulded Case Circuit Breaker type VE, 3-pole, 85kA, 1250A + withdrawable module | MC4H-VE1250-AVE | | MC412333A |
| Moulded Case Circuit Breaker type VE, 3-pole, 85kA, 1600A + withdrawable module | MC4H-VE1600-AVE | | MC416333A |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## MCCB MC Size 4 - 4-pole, 50kA, withdrawable



MC463332A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **800 to 1600A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 800A + withdrawable module | MC4N-4-AE800-AVE | | MC480242A |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 1000A + withdrawable module | MC4N-4-AE1000-AVE | | MC410242A |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 1250A + withdrawable module | MC4N-4-AE1250-AVE | | MC412242A |
| Moulded Case Circuit Breaker type AE, 4-pole, 50kA, 1600A + withdrawable module | MC4N-4-AE1600-AVE | | MC416242A |
| **630 to 1600A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 800A + withdrawable module | MC4N-4-VE800-AVE | | MC480243A |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 1000A + withdrawable module | MC4N-4-VE1000-AVE | | MC410243A |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 1250A + withdrawable module | MC4N-4-VE1250-AVE | | MC412243A |
| Moulded Case Circuit Breaker type VE, 4-pole, 50kA, 1600A + withdrawable module | MC4N-4-VE1600-AVE | | MC416243A |

## MCCB MC Size 4 - 4-pole, 85kA, withdrawable



MC480342A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **800 to 1600A with electronic release unit** | | | |
| Moulded Case Circuit Breaker type AE, 4-pole, 85kA, 800A + withdrawable module | MC4H-4-AE800-AVE | | MC480342A |
| Moulded Case Circuit Breaker type AE, 4-pole, 85kA, 1000A + withdrawable module | MC4H-4-AE1000-AVE | | MC410342A |
| Moulded Case Circuit Breaker type AE, 4-pole, 85kA, 1250A + withdrawable module | MC4H-4-AE1250-AVE | | MC412342A |
| Moulded Case Circuit Breaker type AE, 4-pole, 85kA, 1600A + withdrawable module | MC4H-4-AE1600-AVE | | MC416342A |
| **800 to 1600A with delayed electronic release unit** | | | |
| Moulded Case Circuit Breaker type VE, 4-pole, 85kA, 800A + withdrawable module | MC4H-4-VE800-AVE | | MC480343A |
| Moulded Case Circuit Breaker type VE, 4-pole, 85kA, 1000A + withdrawable module | MC4H-4-VE1000-AVE | | MC410343A |
| Moulded Case Circuit Breaker type VE, 4-pole, 85kA, 1250A + withdrawable module | MC4H-4-VE1250-AVE | | MC412343A |
| Moulded Case Circuit Breaker type VE, 4-pole, 85kA, 1600A + withdrawable module | MC4H-4-VE1600-AVE | | MC416343A |

## Load Switches MC Size 4 - 3-pole



MC480035

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **800 to 1600A - Load Switches, remote releasable** | | | |
| Switch Disconnector, 3-pole, 800A for remote operation | MC4-N-800 | | **MC480035** |
| Switch Disconnector, 3-pole, 1000A for remote operation | MC4-N-1000 | | **MC410035** |
| Switch Disconnector, 3-pole, 1250A for remote operation | MC4-N-1250 | | **MC412035** |
| Switch Disconnector, 3-pole, 1600A for remote operation | MC4-N-1600 | | **MC416035** |

## Load Switches MC Size 4 - 4-pole



MC480045

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **800 to 1600A - Load Switches, remote releasable** | | | |
| Switch Disconnector, 4-pole, 800A for remote operation | MC4-N-4-800 | | MC480045 |
| Switch Disconnector, 4-pole, 1000A for remote operation | MC4-N-4-1000 | | MC410045 |
| Switch Disconnector, 4-pole, 1250A for remote operation | MC4-N-4-1250 | | MC412045 |
| Switch Disconnector, 4-pole, 1600A for remote operation | MC4-N-4-1600 | | MC416045 |

## Load Switches MC Size 4 - 3-pole, withdrawable



MC480035A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **800 - 1600A Load Switches, remote releasable and withdrawable** | | | |
| Switch Disconnector, 3-pole, 800A for remote operation + withdrawable module | MC4-N-800-AVE | | MC480035A |
| Switch Disconnector, 3-pole, 1000A for remote operation + withdrawable module | MC4-N-1000-AVE | | MC410035A |
| Switch Disconnector, 3-pole, 1250A for remote operation + withdrawable module | MC4-N-1250-AVE | | MC412035A |
| Switch Disconnector, 3-pole, 1600A for remote operation + withdrawable module | MC4-N-1600-AVE | | MC416035A |

## Load Switches MC Size 4 - 4-pole, withdrawable



MC480045A

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **800 - 1600A Load Switches, remote releasable and withdrawable** | | | |
| Switch Disconnector, 4-pole, 800A for remote operation + withdrawable module | MC4-N-4-800-AVE | | MC480045A |
| Switch Disconnector, 4-pole, 1000A for remote operation + withdrawable module | MC4-N-4-1000-AVE | | MC410045A |
| Switch Disconnector, 4-pole, 1250A for remote operation + withdrawable module | MC4-N-1250-AVE | | MC412045A |
| Switch Disconnector, 4-pole, 1600A for remote operation + withdrawable module | MC4-N-4-1600-AVE | | MC416045A |

## MCCB MC Size 4 - Accessories


MC491593


MC496820


MC496837


MC496608


MC496614


MC491584

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **General accessories** | | | |
| Main switch set for MC4 | MC4-XHB | | MC491779 |
| Main switch set for MC4 with door interlock, Emergency-Stop, red/yellow, for MC4 | MC4-XHBR | | MC491842 |
| Door Sealing Frame for MC4 | MC4-XBR | | MC494646 |
| **Connecting technic, accessories** | | | |
| Connection Width Extension 3-pole 1600A, long, MC4 | MC4-XKV110 | ✓ | **MC491593** |
| Connection Width Extension 4-pole 1600A, long, MC4 | MC4--4XKV120 | | MC491594 |
| Connection Width Extension 4-pole 1600A, MC4 | MC4-4-XKV95 | | MC496827 |
| Connection cover, knock-out able, 3-pole for MC4 | MC4-XKSFA | | MC492193 |
| Connection cover, knock-out able, 4-pole for MC4 | MC4-4-XKSFA | | MC492194 |
| Connection Extension 3-pole 1600A, MC4 | MC4-XKM2S-1600 | ✓ | **MC494473** |
| Connection Extension 4-pole 1600A, MC4 | MC4-4-XKM2S-1600 | | MC494474 |
| Module Plate 1 hole, MC4, 3-pole | MC4-XKM1 | ✓ | **MC496814** |
| Module Plate 2 hole, MC4, 3-pole | MC4-XKM2 | ✓ | **MC496820** |
| Module Plate 1 hole, MC4, 4-pole | MC4-4-XKM1 | | MC496815 |
| Module Plate 2 hole, MC4, 4-pole | MC4-4-XKM2 | | MC496821 |
| Connection Width Extension 3-pole 1600A, MC4 | MC4-XKS4 | ✓ | **MC496826** |
| Flat Conductor Terminal 3-pole, MC4 | MC4-XKB | ✓ | **MC496829** |
| Flat Conductor Terminal 4-pole, MC4 | MC4-4-XKB | | MC496831 |
| Tunnel Terminal 3-pole, 4x240mm² for MC4 | MC4-XKA | ✓ | **MC496836** |
| Tunnel Terminal 4-pole, 4x240mm² for MC4 | MC4-4-XKA | ✓ | **MC496837** |
| Rear Connection 3-pole, MC4 | MC4-XKR | | MC496842 |
| Rear Connection 4-pole, MC4 | MC4-4-XKR | | MC496843 |
| Terminal Cover 3-pole, MC4 | MC4-XKC | ✓ | **MC496846** |
| Terminal Cover 3-pole, MC4 | MC4-4-XKSA | | MC496847 |
| Phase separator plates for MC4, 3-pole | MC4-XKP | ✓ | **MC496873** |
| Phase separator plates for MC4, 4-pole | MC4-4-XKP | | MC496874 |
| **Rotary handles, door coupling handles, accessories** | | | |
| Mechanical Interlock for MC4 | MC4-XMV | ✓ | **MC491584** |
| Mechanical Interlock for Remote Operator for MC4 | MC4-XMVR | ✓ | **MC494547** |
| Mechanical Interlock for Remote Operator for MC4, long | MC4-XMVRL | | MC494552 |
| Rotary handle direct, lockable, black/grey | MC4-XDV | ✓ | **MC496608** |
| Rotary handle direct, lockable, red/yellow | MC4-XDVR | | MC496610 |
| Door coupling rotary handle, lockable, black/grey | MC4-XTVD | ✓ | **MC496614** |
| Door coupling rotary handle, 2 x lockable, black/grey | MC4-XTVDV | ✓ | **MC496616** |
| Door coupling rotary handle, 2 x lockable, red/yellow | MC4-XTVDVR | ✓ | **MC496618** |
| **Undervoltage release units, shunt-trips, motor operators and accessories** | | | |
| Undervoltage Release 24VAC for MC4 | MC4-XU24AC | ✓ | **MC496189** |
| Undervoltage Release 110-130VAC for MC4 | MC4-XU110-130AC | | MC496192 |
| Undervoltage Release 208-240VAC for MC4 | MC4-XU208-240AC | ✓ | **MC496193** |
| Undervoltage Release 380-440VAC for MC4 | MC4-XU380-440AC | | MC496194 |
| Undervoltage Release 24VDC for MC4 | MC4-XU24DC | ✓ | **MC496204** |
| Undervoltage Release 220-250VDC for MC4 | MC4-XU220-250DC | | MC496208 |
| Undervoltage Release with 2 early make contacts, 230VAC, MC4 | MC4-XUHIV208-240 | | MC496221 |
| Undervoltage Release with 2 early make contacts, 400VAC, MC4 | MC4-XUHIV380-440 | | MC496222 |
| Undervoltage release for time-delay unit, for MC4 | MC4-XUV | | MC496588 |
| Shunt trip 24 VAC/DC for MC4 | MC4-XA24AC/DC | ✓ | **MC496447** |
| Shunt trip 110-130V AC/DC for MC4 | MC4-XA110-130AC/DC | | MC496450 |
| Shunt trip 208-250V AC/DC for MC4 | MC4-XA208-250AC/DC | ✓ | **MC496451** |
| Shunt trip with early make contact 24VAC/DC for MC4 | MC4-XAVHI24AC/DC | | MC496471 |
| Shunt trip with early make contact 230VAC/DC for MC4 | MC4-XAVHI230AC/DC | | MC496475 |

## MCCB MC Size 4 - Accessories


MC496204

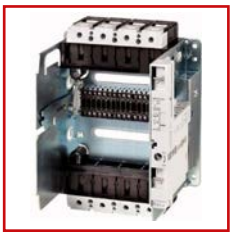

MC900003


MC900020


MC910175

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Undervoltage release units, shunt-trips, motor operators and accessories** | | | |
| Early-Make auxiliary contact, MC4 | MC4-XHIV | | MC496172 |
| Remote Operator 24-30V DC for MC4, can be synchronised and interlocked | MC4-XR240DC | | **MC496686** |
| Remote Operator 48-60V DC for MC4, can be synchronised and interlocked | MC4-XR48-60DC | | **MC496687** |
| Remote Operator 208-240V AC for MC4, can be synchronised and interlocked | MC4-XR208-240AC | | **MC496685** |
| **Residual current release units and accessories** | | | |
| Earth Leakage Release 0.03A | FIR-0,03 | | MC900001 |
| Earth Leakage Release 0.3A | FIR-0,3 | | **MC900002** |
| Earth Leakage Release 0.03-5A, 0.02-5s, 1CO | FIR-5 | | **MC900003** |
| Magnetic Shielding for Core balance transformer MC900035 | FIR-WMA-35 | | MC900010 |
| Magnetic Shielding for Core balance transformer MC900070 | FIR-WMA-70 | | MC900011 |
| Magnetic Shielding for Core balance transformer MC900105 | FIR-WMA-105 | | MC900012 |
| Magnetic Shielding for Core balance transformer MC900140 | FIR-WMA-140 | | MC900013 |
| Magnetic Shielding for Core balance transformer MC900210 | FIR-WMA-210 | | MC900014 |
| Current Transformer dm=20mm | FIR-WS-20 | | MC900020 |
| Current Transformer dm=30mm | FIR-WS-30 | | **MC900030** |
| Current Transformer dm=35mm | FIR-WS-35 | | **MC900035** |
| Current Transformer dm=70mm | FIR-W-70 | | **MC900070** |
| Current Transformer dm=105mm | FIR-W-105 | | **MC900105** |
| Current Transformer dm=140mm | FIR-W-140 | | **MC900140** |
| Current Transformer dm=210mm | FIR-W-210 | | **MC900210** |
| Current Transformer 70x175mm | FIR-WR-175 | | **MC910175** |
| Current Transformer 115x305mm | FIR-WR-305 | | MC910305 |
| Current Transformer 150x350mm | FIR-WR-350 | | MC910350 |
| **Auxiliary contacts** | | | |
| NO contact block, front montage | M22-K10 | | **MM216376** |
| NC contact block, front montage | M22-K01 | | **MM216378** |
| Double NO contact, Cage clamp | M22-CK20 | | **MM107898** |
| Double NC contact, Cage clamp | M22-CK02 | | **MM107899** |
| NO+NC, Cage clamp | M22-CK11 | | **MM107940** |

## MCCB MC Size 4, withdrawable - Accessories


MC496714

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **General accessories** | | | |
| Socket Base 3-pole, MC4 | MC4-XAVS | | **MC496713** |
| Socket Base 4-pole, MC4 | MC4-4-XAVS | | MC496714 |

# Load Switches MC

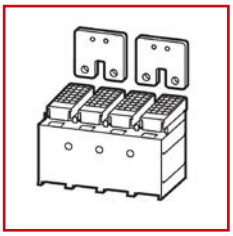
## Load Switch 4-pole MC2..045DC for 1000 VDC, fix installed



MC220045DC

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **up to 200A, remote releasable** | | | |
| Switch Disconnector, 2/4-pole, 160A for remote operation, 1kVDC | MC2-N-4-160-DC | | MC216045DC |
| Switch Disconnector, 2/4-pole, 200A for remote operation | MC2-N-4-200-DC | | MC220045DC |

## Load Switches MC Size 2 - Accessories



MC290602



MC296720V2



MC290201



MC290038



MC294640

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Serial connector** | | | |
| Serial Connector size 2, 4/2-pole, including cover | MC2-4-XKV2P | | MC290602 |
| **General accessories** | | | |
| Toggle Lever Locking Device for MC2 | MC2/3-XKAV | | **MC290201** |
| Clip Plate 75mm for MC2 | MC2-XC75 | | MC290215 |
| Main switch set with door interlock, black/grey, MC2 | MC2-XHB | | MC296627 |
| Main switch set with door interlock, red/yellow, MC2 | MC2-XHBR | | MC296633 |
| Early make auxiliary contact, MC2/3 | MC2/3-XHIV | | **MC299430** |
| **Connecting technic, accessories** | | | |
| Terminal Cover 3-pole, MC2 | MC2-XKSA | | **MC290038** |
| Extra Cover for Remote Operator for MC2 4-pole | MC2-XAVPR | | **MC296677** |
| Control Circuit Terminal for screw connection, MC2 | MC2-XSTS | | **MC290156** |
| Door Sealing Frame for MC2 | MC2-XBR | | MC290197 |
| Tunnel Terminal 185mm², 3-pole for MC2 | MC2-XKA | | **MC291457** |
| Tunnel Terminal 1x185mm², 4-pole for MC2 | MC2-4-XKA | | **MC291458** |
| Box Terminal 160A for MC2 (3 pcs.) | MC2-160-XKC | | **MC292240** |
| Box Terminal 250A for MC2 (3 pcs.) | MC2-250-XKC | | **MC292244** |
| Box Terminal 160A for MC2 (4 pcs.) | MC2-4-160-XKC | | **MC296755** |
| Box Terminal 250A for MC2-4 (4 pcs.) | MC2-4-250-XKC | | **MC296756** |
| Connection Cover 3-pole, MC2 | MC2-XKSFA | | **MC294640** |
| Connection Cover 4-pole, MC2 | MC2-4-XKSFA | | **MC294641** |
| Rear Connection 3-pole, MC2 | MC2-XKR | | MC296765 |
| Rear Connection 4-pole, MC2 | MC2-4-XKR | | MC296768 |
| Phase separator plates for MC2, 3-pole | MC2-XKP | | MC296871 |
| Phase separator plates for MC2, 4-pole | MC2-4-XKP | | MC296872 |
| Cable Lug 95mm² MC2 | MC2-XKS95 | | **MC299775** |
| Cable Lug 120mm² MC2 | MC2-XKS120 | | **MC299776** |
| Cable Lug 150mm² MC2 | MC2-XKS150 | | **MC299777** |
| Cable Lug 185mm² MC2 | MC2-XKS185 | | **MC290032** |
| Screw Terminal 3-pole for MC2 | MC2-XKS | | MC290030 |
| Screw Terminal 4-pole for MC2 | MC2-4-XKS | | MC296750 |
| Terminal Cover 4-pole, MC2 | MC2-4-XKSA | | **MC296770** |
| IP2x finger protection for terminal cover, 3-pole, MC2 | MC2-XIPA | | MC296777 |
| IP2x-protection cover for terminals, 3-pole, for MC2 | MC2-XIPK | | **MC296773** |
| IP2x-protection cover for terminals, 4-pole, for MC2 | MC2-4-XIPK | | MC296774 |
| IP2x finger protection for terminal cover, 4-pole, MC2 | MC2-4-XIPA | | MC296778 |
| Control Circuit Unit for auxiliary contact, MC1/2, MC1/2-N | MC2-XSVHI | | MC296705 |
| Control Circuit Unit for remote operator | MC2-XSVR | | MC296706 |

## Load Switches MC Size 2 - Accessories


MC296872


MC290032


MC290137


MC191585


MC299499


MC299832

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Rotary handles, door coupling handles, accessories** | | | |
| Rotary Handle complete, lockable for MC2 | MC2-XDV | | **MC290127** |
| Rotary Handle with door interlock, black/grey for MC2 | MC2-XDTV | | MC290133 |
| Rotary Handle red/yellow lockable | MC2-XDVR | | **MC290137** |
| Rotary Handle emergency stop with door interlock | MC2-XDTVR | | MC290144 |
| Door Coupling Rotary Handle, lockable, black/grey, MC2 | MC2-XTVD | | **MC290168** |
| Door Coupling Rotary Handle, lockable, black/grey 0/1, MC2 | MC2-XTVDV | | **MC290174** |
| Door Coupling Rotary Handle, lockable, red/yellow, MC2 | MC2-XTVDVR | | **MC290180** |
| Mechanical Interlock for MC2 | MC2-XMV | | **MC291582** |
| Mechanical Interlock for Remote Operator for MC2 | MC2-XMVR | | **MC294543** |
| Mechanical Interlock for Remote Operator for MC2/3 | MC2/3-XMVR | | **MC294544** |
| Mechanical Interlock for Remote Operator for MC2, long | MC2-XMVRL | | **MC294548** |
| Mechanical Interlock for Remote Operator for MC2/3, long | MC2/3-XMVRL | | MC294549 |
| Extension Shaft 600mm, MC1/2 | MC1/2-XV6 | | **MC190191** |
| Spacer, MC1/2 | MC1/2-XAB | | **MC190203** |
| Extension Shaft 400mm, MC1/2 | MC1/2-XV4 | | **MC191232** |
| Door coupling for MC2 60mm | MC2-XTVDVR-60 | | MC191513 |
| Bowden Cable 225mm | MC-XBZ225 | | **MC191585** |
| Bowden Cable 600mm | MC-XBZ600 | | **MC191586** |
| Bowden Cable 1000mm | MC-XBZ1000 | | MC191587 |
| **Undervoltage release units, shunt-trips, motor operators and accessories** | | | |
| Undervoltage release 24V AC for MC2/3 | MC2/3-XU24AC | | **MC299491** |
| Undervoltage release 208-240V AC for MC2/3 | MC2/3-XU208-240 | | **MC299499** |
| Undervoltage release 380-440V AC for MC2/3 | MC2/3-XU380-440 | | **MC299501** |
| Undervoltage release 24V DC for MC2/3 | MC2/3-XU24DC | | **MC299509** |
| Undervoltage release of time-delay unit for MC2/3 | MC2-XUV | | **MC299527** |
| Undervoltage release 230V AC with 2 early make auxiliary contacts for MC2/3 | MC2/3-XUHIV208 | | **MC299591** |
| Undervoltage release 400V AC with 2 early make auxiliary contacts for MC2/3 | MC2/3-XUHIV380 | | MC299594 |
| Time-delay unit for MC1-MC4 | MC-UVU | | **MC190154** |
| Shunt trip 24V AC/DC for MC2/3 | MC2/3-XA24AC/DC | | **MC299754** |
| Shunt trip 110-130V AC/DC for MC2/3 | MC2/3-XA130AC/D | | MC299760 |
| Shunt trip 208-250V AC/DC for MC2/3 | MC2/3-XA208-250 | | **MC299763** |
| Shunt trip 24 VAC/DC with 1 early make auxiliary contact for MC2/3 | MC2/3-XAHIV24 | | MC299810 |
| Shunt trip 230 VAC/DC with 1 early make auxiliary contact for MC2/3 | MC2/3-XAHIV208- | | MC299818 |
| Remote Operator 24-30V DC for MC2 can be synchronised and interlocked | MC2-XR240DC | | **MC299836** |
| Remote Operator 24-30V DC for MC2 can not be synchronised and interlocked | MC2-XRD240DC | | **MC299837** |
| Remote Operator 48-60V DC for MC2 can be synchronised and interlocked | MC2-XR48-60DC | | **MC299838** |
| Remote Operator 208-240V AC for MC2 can be synchronised and interlocked | MC2-XR208-240AC | | **MC299832** |
| Remote Operator 208-240V AC for MC2 can not be synchronised and interlocked | MC2-XRD208-240A | | **MC299833** |
| **Residual current release units and accessories** | | | |
| RCD 4-pole for MC2, 30mA, pulse current sensitivity version 2 | MC2-4-XFI30 V2 | | MC296719V2 |
| RCD 4-pole for MC2, 0.1-1A, pulse current sensitivity version 2 | MC2-4-XFI | | **MC296720V2** |
| RCD 4-pole for MC2, 30mA, AC/DC current sensitivity version 2 | MC2-4-XFIA30 V2 | | **MC292345V2** |
| RCD 4-pole for MC2, 0.3-1A, AC/DC current sensitivity version 2 | MC2-4-XFIA V2 | | **MC292346V2** |
| **Auxiliary contacts** | | | |
| NO contact block, front montage | M22-K10 | | **MM216376** |
| NC contact block, front montage | M22-K01 | | **MM216378** |
| Double NO contact, Cage clamp | M22-CK20 | | **MM107898** |
| Double NC contact, Cage clamp | M22-CK02 | | **MM107899** |
| NO+NC, Cage clamp | M22-CK11 | | **MM107940** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

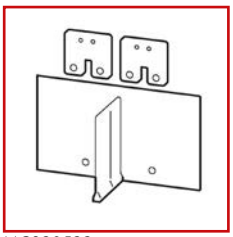
## Load Switches 4-pole MC3.. 045DC for 1.000VDC fix installed



MC340045DC

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **up to 500A, remote releasable** | | | |
| Switch Disconnector 2/4-pole, 320A for remote operation, 1kVDC | MC3-N-4-320-DC | | MC332045DC |
| Switch Disconnector, 2/4-pole, 400A for remote operation, 1kVDC | MC3-N-4-400-DC | | MC340045DC |
| Switch Disconnector, 2/4-pole, 500A for remote operation, 1kVDC | MC3-N-4-500-DC | | MC350045DC |

## Load Switches MC Size 3 - Accessories


MC390599


MC390211


MC390042


MC390140


MC391460


MC396804

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Serial connector** | | | |
| Serial Connector Size 3, 4/2-pole, isolated | MC3-4-XKVI2P | | MC390599 |
| Serial Connector Size 3 4/2-pole, isolated + heat sink | MC3-4-XKVI2P-K | | MC390600 |
| Serial Connector Size 3 4/2-pole, + heat sink, included cover | MC3-4-XKV2P-K | | MC390601 |
| Serial Connector Size 3, 4/2-pole, including cover | MC3-4-XKV2P | | MC390602 |
| **General accessories** | | | |
| Spacer, MC3 | MC3-XAB | | **MC390211** |
| Door Sealing Frame for MC3 | MC3-XBR | | MC394645 |
| Main switch set with door interlock, black/grey, MC3 | MC3-XHB | | MC396628 |
| Main switch set with door interlock, red/yellow, MC3 | MC3-XHBR | | MC396634 |
| **Connecting technic, accessories** | | | |
| Screw connection 3-pole for MC3 | MC3-XKS | | MC390039 |
| Cable Lug 185mm² MC3 | MC3-XKS185 | | **MC390040** |
| Cable Lug 240mm² MC3 | MC3-XKS240 | | **MC390041** |
| Box Terminal 3-pole for MC3 | MC3-XKC | | **MC390042** |
| Terminal Cover 3-pole, MC3 | MC3-XKSA | | **MC390045** |
| Phase Separator Plate, 3-pole, MC3 | MC3-XKP | | **MC390512** |
| Connection Width Extension 3-pole 630A, MC3 | MC3-XKV70 | | **MC390514** |
| Box Terminal 300mm² 3-pole, MC3 | MC3-XK300 | | MC390782 |
| Connection Terminals max. 22x21mm², 3-pole | MC3-XK22X21 | | MC390784 |
| Tunnel Terminal 3-pole 1x185mm² for MC3 | MC3-XKA1 | | **MC391459** |
| Tunnel Terminal 3-pole 2x240mm² for MC3 | MC3-XKA2 | | **MC391461** |
| Connection cover, knock-out able, 3-pole for MC3 | MC3-XKSFA | | MC394642 |
| Rear Connection 3-pole, MC3 | MC3-XKR | | MC396792 |
| Control Circuit Terminal for Screw Connection, MC3/MC4 | MC3/4-XSTS | | **MC396797** |
| IP2x Finger Protection for Box Terminal, 3-pole, MC3 | MC3-XIPK | | **MC396804** |
| IP2x Finger Protection for Terminal Cover, 3-pole, MC3 | MC3-XIPA | | **MC396808** |
| Phase Separator Plate, 4-pole, MC3 | MC3-4-XKP | | MC390513 |
| Connection Width Extension 4-pole 630A, MC3 | MC3-4-XKV70 | | MC390515 |
| Box Terminal 300mm² 4-pole, MC3 | MC3-4-XK300 | | MC390783 |
| Connection Terminals max.22x21mm², 4-pole | MC3-XK22X21 | | MC390785 |
| Tunnel Terminal 4-pole 1x185mm² for MC3 | MC3-4-XKA1 | | MC391460 |
| Tunnel Terminal 4-pole 2x240mm² for MC3 | MC3-4-XKA2 | | **MC391462** |
| Connection cover, knock-out able, 4-pole for MC3 | MC3-4-XKSFA | | MC394643 |
| Extra Cover for Remote Operator for MC3 4-pole | MC3-XAVPR | | MC396678 |
| Screw connection 4-pole for MC3 | MC3-4-XKS | | MC396780 |
| Box Terminal 4-pole for MC3 | MC3-4-XKC | | MC396783 |
| Rear Connection 4-pole, MC3 | MC3-4-XKR | | MC396795 |
| Terminal Cover 4-pole, MC3 | MC3-4-XKSA | | **MC396801** |
| IP2x Finger Protection for Box Terminal, 4-pole, MC3 | MC3-4-XIPK | | MC396805 |
| IP2x Finger Protection for Terminal Cover, 4-pole, MC3 | MC3-4-XIPA | | MC396809 |
| **Rotary handles, door coupling handles, accessories** | | | |
| Rotary Handle complete, lockable, black/grey for MC3 | MC3-XDV | | **MC390129** |
| Rotary Handle complete, lockable, red/yellow for MC3 | MC3-XDVR | | **MC390140** |
| Door Coupling Rotary Handle, lockable, black/grey, MC3 | MC3-XTVD | | **MC390170** |
| Door Coupling Rotary Handle, lockable, black/grey 0/1, MC3 | MC3-XTVDV | | **MC390176** |
| Door Coupling Rotary Handle, lockable, red/yellow, MC3 | MC3-XTVDVR | | **MC390182** |
| Extension Shaft 600mm, MC3/4 | MC3/4-XV6 | | **MC390193** |
| Extension Shaft 400mm, MC3/4 | MC3/4-XV4 | | **MC391234** |
| Mechanical Interlock for MC3 | MC3-XMV | | **MC391583** |
| Mechanical Interlock for Remote Operator MC3/4 | MC3/4-XMVR | | **MC394546** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Load Switches MC Size 3 - Accessories


MC391583


MC394545


MC900002


MC900070



MM216376


MM107899

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Rotary handles, door coupling handles, accessories** | | | |
| Mechanical Interlock for Remote Operator MC3, long | MC3-XMVRL | | **MC394550** |
| Mechanical Interlock for Remote Operator MC3/4, long | MC3/4-XMVRL | | MC394551 |
| Undervoltage release units, shunt-trips, motor operators and accessories | | | |
| Undervoltage release 24V AC for MC2/3 | MC2/3-XU24AC | | **MC299491** |
| Undervoltage release 208-240V AC for MC2/3 | MC2/3-XU208-240 | | **MC299499** |
| Undervoltage release 380-440V AC for MC2/3 | MC2/3-XU380-440 | | **MC299501** |
| Undervoltage release 24V DC for MC2/3 | MC2/3-XU24DC | | **MC299509** |
| Undervoltage release of time-delay unit for MC2/3 | MC2-XUV | | **MC299527** |
| Undervoltage release 230V AC with 2 early make auxiliary contacts for MC2/3 | MC2/3-XUHIV208 | | **MC299591** |
| Undervoltage release 400V AC with 2 early make auxiliary contacts for MC2/3 | MC2/3-XUHIV380 | | MC299594 |
| Time-delay unit for MC1-MC4 | MC-UVU | | **MC190154** |
| Shunt trip 24V AC/DC for MC2/3 | MC2/3-XA24AC/DC | | **MC299754** |
| Shunt trip 110-130V AC/DC for MC2/3 | MC2/3-XA130AC/D | | MC299760 |
| Shunt trip 208-250V AC/DC for MC2/3 | MC2/3-XA208-250 | | **MC299763** |
| Shunt trip 24 VAC/DC with 1 early make auxiliary contact for MC2/3 | MC2/3-XAHIV24 | | MC299810 |
| Shunt trip 230 VAC/DC with 1 early make auxiliary contact for MC2/3 | MC2/3-XAHIV208- | | MC299818 |
| Mechanical Interlock for Remote Operator for MC3 | MC3-XMVR | | **MC394545** |
| Remote Operator 24-30V DC for MC3 can be synchronised and interlocked | MC3-XR240DC | | **MC399854** |
| Remote Operator 48-60V DC for MC3 can be synchronised and interlocked | MC3-XR48-60DC | | MC399856 |
| Remote Operator 208-240V AC for MC3 can be synchronised and interlocked | MC3-XR208-240AC | | **MC399850** |
| **Residual current release units and accessories** | | | |
| Earth Leakage Release 0.03A | FIR-0,03 | | MC900001 |
| Earth Leakage Release 0.3A | FIR-0,3 | | **MC900002** |
| Earth Leakage Release 0.03-5A, 0.02-5s, 1CO | FIR-5 | | **MC900003** |
| Magnetic Shielding for Core balance transformer MC900035 | FIR-WMA-35 | | MC900010 |
| Magnetic Shielding for Core balance transformer MC900070 | FIR-WMA-70 | | MC900011 |
| Magnetic Shielding for Core balance transformer MC900105 | FIR-WMA-105 | | MC900012 |
| Magnetic Shielding for Core balance transformer MC900140 | FIR-WMA-140 | | MC900013 |
| Magnetic Shielding for Core balance transformer MC900210 | FIR-WMA-210 | | MC900014 |
| Current Transformer dm=20mm | FIR-WS-20 | | MC900020 |
| Current Transformer dm=30mm | FIR-WS-30 | | **MC900030** |
| Current Transformer dm=35mm | FIR-WS-35 | | **MC900035** |
| Current Transformer dm=70mm | FIR-W-70 | | **MC900070** |
| Current Transformer dm=105mm | FIR-W-105 | | **MC900105** |
| Current Transformer dm=140mm | FIR-W-140 | | **MC900140** |
| Current Transformer dm=210mm | FIR-W-210 | | **MC900210** |
| Current Transformer 70x175mm | FIR-WR-175 | | **MC910175** |
| Current Transformer 115x305mm | FIR-WR-305 | | MC910305 |
| Current Transformer 150x350mm | FIR-WR-350 | | MC910350 |
| **Auxiliary contacts** | | | |
| NO contact block, front montage | M22-K10 | | **MM216376** |
| NC contact block, front montage | M22-K01 | | **MM216378** |
| Double NO contact, Cage clamp | M22-CK20 | | **MM107898** |
| Double NC contact, Cage clamp | M22-CK02 | | **MM107899** |
| NO+NC, Cage clamp | M22-CK11 | | **MM107940** |

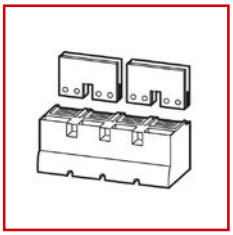
## Load Switches 4-pole MC4.. 045DC for 1.000VDC fix installed



MC410045DC

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **up to 1400A, remote releasable** | | | |
| Switch Disconnector, 2/4-pole, 800A for remote operation, 1kVDC | MC4-N-4-800-DC | | MC480045DC |
| Switch Disconnector, 2/4-pole, 1000A for remote operation, 1kVDC | MC4-N-4-1000-DC | | MC410045DC |
| Switch Disconnector, 2/4-pole, 1250A for remote operation, 1kVDC | MC4-N-4-1250-DC | | MC412045DC |
| Switch Disconnector, 2/4-pole, 1400A for remote operation, 1kVDC | MC4-N-4-1400-DC | | MC414045DC |

## Load Switches MC Size 4 - Accessories


MC490602


MC491593


MC496820


MC496837


MC496608


MC496614

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Serial connector | | | |
| Serial Connector Size 4, 4/2-pole, including cover, 1250A | MC4-4-XKV2P | | MC490602 |
| General accessories | | | |
| Main switch set for MC4 | MC4-XHB | | MC491779 |
| Main switch set for MC4 with door interlock, Emergency-Stop, red/yellow | MC4-XHBR | | MC491842 |
| Early-Make auxiliary contact, MC4 | MC4-XHIV | | MC496172 |
| Door Sealing Frame for MC4 | MC4-XBR | | MC494646 |
| Connecting technic, accessories | | | |
| Connection Width Extension 3-pole 1600A, long, MC4 | MC4-XKV110 | ✓ | **MC491593** |
| Connection Width Extension 4-pole 1600A, long, MC4 | MC4--4XKV120 | | MC491594 |
| Connection Width Extension 4-pole 1600A, MC4 | MC4-4-XKV95 | | MC496827 |
| Connection cover, knock-out able, 3-pole for MC4 | MC4-XKSFA | | MC492193 |
| Connection cover, knock-out able, 4-pole for MC4 | MC4-4-XKSFA | | MC492194 |
| Connection Extension 3-pole 1600A, MC4 | MC4-XKM2S-1600 | ✓ | **MC494473** |
| Connection Extension 4-pole 1600A, MC4 | MC4-4-XKM2S-1600 | | MC494474 |
| Module Plate 1 hole, MC4, 3-pole | MC4-XKM1 | ✓ | **MC496814** |
| Module Plate 2 hole, MC4, 3-pole | MC4-XKM2 | ✓ | **MC496820** |
| Module Plate 1 hole, MC4, 4-pole | MC4-4-XKM1 | | MC496815 |
| Module Plate 2 hole, MC4, 4-pole | MC4-4-XKM2 | | MC496821 |
| Connection Width Extension 3-pole 1600A, MC4 | MC4-XKS4 | ✓ | **MC496826** |
| Flat Conductor Terminal 3-pole, MC4 | MC4-XKB | ✓ | **MC496829** |
| Flat Conductor Terminal 4-pole, MC4 | MC4-4-XKB | | MC496831 |
| Tunnel Terminal 3-pole, 4x240mm² for MC4 | MC4-XKA | ✓ | **MC496836** |
| Tunnel Terminal 4-pole, 4x240mm² for MC4 | MC4-4-XKA | ✓ | **MC496837** |
| Rear Connection 3-pole, MC4 | MC4-XKR | | MC496842 |
| Rear Connection 4-pole, MC4 | MC4-4-XKR | | MC496843 |
| Terminal Cover 3-pole, MC4 | MC4-XKC | ✓ | **MC496846** |
| Terminal Cover 3-pole, MC4 | MC4-4-XKSA | | MC496847 |
| Phase separator plates for MC4, 3-pole | MC4-XKP | ✓ | **MC496873** |
| Phase separator plates for MC4, 4-pole | MC4-4-XKP | | MC496874 |
| Rotary handles, door coupling handles, accessories | | | |
| Mechanical Interlock for MC4 | MC4-XMV | ✓ | **MC491584** |
| Mechanical Interlock for Remote Operator for MC4 | MC4-XMVR | ✓ | **MC494547** |
| Mechanical Interlock for Remote Operator for MC4, long | MC4-XMVRL | | MC494552 |
| Rotary handle direct, lockable, black/grey | MC4-XDV | ✓ | **MC496608** |
| Rotary handle direct, lockable, red/yellow | MC4-XDVR | | MC496610 |
| Door coupling rotary handle, lockable, black/grey | MC4-XTVD | ✓ | **MC496614** |
| Door coupling rotary handle, 2 x lockable, black/grey | MC4-XTVDV | ✓ | **MC496616** |
| Door coupling rotary handle, 2 x lockable, red/yellow | MC4-XTVDVR | ✓ | **MC496618** |
| Undervoltage release units, shunt-trips, motor operators and accessories | | | |
| Undervoltage Release 24VAC for MC4 | MC4-XU24AC | ✓ | **MC496189** |
| Undervoltage Release 110-130VAC for MC4 | MC4-XU110-130AC | | MC496192 |
| Undervoltage Release 208-240VAC for MC4 | MC4-XU208-240AC | ✓ | **MC496193** |
| Undervoltage Release 380-440VAC for MC4 | MC4-XU380-440AC | | MC496194 |
| Undervoltage Release 24VDC for MC4 | MC4-XU24DC | ✓ | **MC496204** |
| Undervoltage Release 220-250VDC for MC4 | MC4-XU220-250DC | | MC496208 |
| Undervoltage Release with 2 early make contacts, 230VAC, MC4 | MC4-XUHIV208-240 | | MC496221 |
| Undervoltage Release with 2 early make contacts, 400VAC, MC4 | MC4-XUHIV380-440 | | MC496222 |
| Undervoltage release for time-delay unit, for MC4 | MC4-XUV | | MC496588 |
| Shunt trip 24 VAC/DC for MC4 | MC4-XA24AC/DC | ✓ | **MC496447** |
| Shunt trip 110-130V AC/DC for MC4 | MC4-XA110-130AC/DC | | MC496450 |

## Load Switches MC Size 4 - Accessories



MC491584



MC496204



MC900003

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Undervoltage release units, shunt-trips, motor operators and accessories | | | |
| Shunt trip 208-250V AC/DC for MC4 | MC4-XA208-250AC/DC | | **MC496451** |
| Shunt trip with early make contact 24VAC/DC for MC4 | MC4-XAVHI24AC/DC | | MC496471 |
| Shunt trip with early make contact 230VAC/DC for MC4 | MC4-XAVHI230AC/DC | | MC496475 |
| Remote Operator 24-30V DC for MC4, can be synchronised and interlocked | MC4-XR240DC | | **MC496686** |
| Remote Operator 48-60V DC for MC4, can be synchronised and interlocked | MC4-XR48-60DC | | **MC496687** |
| Remote Operator 208-240V AC for MC4, can be synchronised and interlocked | MC4-XR208-240AC | | **MC496685** |
| Residual current release units and accessories | | | |
| Earth Leakage Release 0.03A | FIR-0,03 | | MC900001 |
| Earth Leakage Release 0.3A | FIR-0,3 | | **MC900002** |
| Earth Leakage Release 0.03-5A, 0.02-5s, 1CO | FIR-5 | | **MC900003** |
| Magnetic Shielding for Core balance transformer MC900035 | FIR-WMA-35 | | MC900010 |
| Magnetic Shielding for Core balance transformer MC900070 | FIR-WMA-70 | | MC900011 |
| Magnetic Shielding for Core balance transformer MC900105 | FIR-WMA-105 | | MC900012 |
| Magnetic Shielding for Core balance transformer MC900140 | FIR-WMA-140 | | MC900013 |
| Magnetic Shielding for Core balance transformer MC900210 | FIR-WMA-210 | | MC900014 |

## Load Switches MC Size 4 - Accessories



MC900020



MC910175



MC496685

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Current Transformer dm=20mm | FIR-WS-20 | | MC900020 |
| Current Transformer dm=30mm | FIR-WS-30 | | **MC900030** |
| Current Transformer dm=35mm | FIR-WS-35 | | **MC900035** |
| Current Transformer dm=70mm | FIR-W-70 | | **MC900070** |
| Current Transformer dm=105mm | FIR-W-105 | | **MC900105** |
| Current Transformer dm=140mm | FIR-W-140 | | **MC900140** |
| Current Transformer dm=210mm | FIR-W-210 | | **MC900210** |
| Current Transformer 70x175mm | FIR-WR-175 | | **MC910175** |
| Current Transformer 115x305mm | FIR-WR-305 | | MC910305 |
| Current Transformer 150x350mm | FIR-WR-350 | | MC910350 |
| Auxiliary contacts | | | |
| NO contact block, front montage | M22-K10 | | **MM216376** |
| NC contact block, front montage | M22-K01 | | **MM216378** |
| Double NO contact, Cage clamp | M22-CK20 | | **MM107898** |
| Double NC contact, Cage clamp | M22-CK02 | | **MM107899** |
| NO+NC, Cage clamp | M22-CK11 | | **MM107940** |

## ACB MO Size 1 - 3-pole, fixed type



## ACB MO Size 1 - 3-pole, withdrawable



## ACB MO Size 2 - 4-pole, withdrawable



## ACB MO Size 1 - 4-pole, fixed type



## ACB MO Size 2 - 4-pole, fixed type



## Accessories, factory installed



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Air Circuit Breakers MO

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## ACB MO Size 1 - 3-pole, fixed type


MO108232

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **55kA** | | | |
| ACB 3-pole, 55kA 800A fixed, rear side horizontal | MO1B | | MO108232 |
| ACB 3-pole, 55kA 1000A fixed, rear side horizontal | MO1B | | MO110232 |
| ACB 3-pole, 55kA, 1250A fixed, rear side horizontal | MO1B | | MO112232 |
| ACB 3-pole, 55kA, 1600A fixed, rear side horizontal | MO1B | | MO116232 |
| ACB 3-pole, 55kA, 2000A fixed, rear side horizontal | MO1B | | MO120232 |
| **66kA** | | | |
| ACB 3-pole, 66kA 800A fixed, rear side horizontal | MO1N | | MO108332 |
| ACB 3-pole, 66kA 1000A fixed, rear side horizontal | MO1N | | MO110332 |
| ACB 3-pole, 66kA, 1250A fixed, rear side horizontal | MO1N | | MO112332 |
| ACB 3-pole, 66kA, 1600A fixed, rear side horizontal | MO1N | | MO116332 |
| ACB 3-pole, 66kA, 2000A fixed, rear side horizontal | MO1N | | MO120332 |

## ACB MO Size 1 - 4-pole, fixed type


MO108242

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **55kA** | | | |
| ACB 4-pole, 55kA 800A fixed, rear side horizontal | MO1B-4 | | MO108242 |
| ACB 4-pole, 55kA 1000A fixed, rear side horizontal | MO1B-4 | | MO110242 |
| ACB 4-pole, 55kA, 1250A fixed, rear side horizontal | MO1B-4 | | MO112242 |
| ACB 4-pole, 55kA, 1600A fixed, rear side horizontal | MO1B-4 | | MO116242 |
| ACB 4-pole, 55kA, 2000A fixed, rear side horizontal | MO1B-4 | | MO120242 |
| **66kA** | | | |
| ACB 4-pole, 66kA 800A fixed, rear side horizontal | MO1N-4 | | MO108342 |
| ACB 4-pole, 66kA 1000A fixed, rear side horizontal | MO1N-4 | | MO110342 |
| ACB 4-pole, 66kA, 1250A fixed, rear side horizontal | MO1N-4 | | MO112342 |
| ACB 4-pole, 66kA, 1600A fixed, rear side horizontal | MO1N-4 | | MO116342 |
| ACB 4-pole, 66kA, 2000A fixed, rear side horizontal | MO1N-4 | | MO120342 |

## ACB MO Size 2 - 3-pole, fixed type



MO220232

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **66kA** | | | |
| ACB 3-pole, 66kA, 1600A fixed, rear side horizontal | MO2B | | MO216232 |
| ACB 3-pole, 66kA, 2000A fixed, rear side horizontal | MO2B | | MO220232 |
| ACB 3-pole, 66kA, 2500A fixed, rear side horizontal | MO2B | | MO225232 |
| ACB 3-pole, 66kA, 3200A fixed, rear side horizontal | MO2B | | MO232232 |
| ACB 3-pole, 66kA, 4000A fixed, rear side vertical | MO2B | | MO240231 |
| **80kA** | | | |
| ACB 3-pole, 80kA, 800A fixed, rear side horizontal | MO2N | | MO208332 |
| ACB 3-pole, 80kA, 1000A fixed, rear side horizontal | MO2N | | MO210332 |
| ACB 3-pole, 80kA, 1250A fixed, rear side horizontal | MO2N | | MO212332 |
| ACB 3-pole, 80kA, 1600A fixed, rear side horizontal | MO2N | | MO216332 |
| ACB 3-pole, 80kA, 2000A fixed, rear side horizontal | MO2N | | MO220332 |
| ACB 3-pole, 80kA, 2500A fixed, rear side horizontal | MO2N | | MO225332 |
| ACB 3-pole, 80kA, 3200A fixed, rear side horizontal | MO2N | | MO232332 |
| ACB 3-pole, 80kA, 4000A fixed, rear side vertical | MO2N | | MO240331 |

## ACB MO Size 2 - 4-pole, fixed type



MO220242

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **66kA** | | | |
| ACB 4-pole, 66kA, 1600A fixed, rear side horizontal | MO2B-4 | | MO216242 |
| ACB 4-pole, 66kA, 2000A fixed, rear side horizontal | MO2B-4 | | MO220242 |
| ACB 4-pole, 66kA, 2500A fixed, rear side horizontal | MO2B-4 | | MO225242 |
| ACB 4-pole, 66kA, 3200A fixed, rear side horizontal | MO2B-4 | | MO232242 |
| ACB 4-pole, 66kA, fixed, rear side vertical | MO2B-4 | | MO240241 |
| **80kA** | | | |
| ACB 4-pole, 80kA, 800A fixed, rear side horizontal | MO2N-4 | | MO208342 |
| ACB 4-pole, 80kA, 1000A fixed, rear side horizontal | MO2N-4 | | MO210342 |
| ACB 4-pole, 80kA, 1250A fixed, rear side horizontal | MO2N-4 | | MO212342 |
| ACB 4-pole, 80kA, 1600A fixed, rear side horizontal | MO2H-4 | | MO216342 |
| ACB 4-pole, 80kA, 2000A fixed, rear side horizontal | MO2N-4 | | MO220342 |
| ACB 4-pole, 80kA, 2500A fixed, rear side horizontal | MO2N-4 | | MO225342 |
| ACB 4-pole, 80kA, 3200A fixed, rear side horizontal | MO2N-4 | | MO232342 |
| ACB 4-pole, 80kA, fixed, rear side vertical | MO2H-4 | | MO240341 |



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## ACB MO Size 3 - 3-pole, fixed type



MO340432

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **100kA** | | | |
| ACB 3-pole, 100kA, 4000A fixed, rear side horizontal | MO3H | | MO340432 |
| ACB 3-pole, 100kA, 5000A fixed, rear side horizontal | MO3H | | MO350432 |
| ACB 3-pole, 100kA, 6300A fixed, rear side vertical | MO3H | | MO363431 |

## ACB MO Size 3 - 4-pole, fixed type



MO340442

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **100kA** | | | |
| ACB 4-pole, 100kA, 4000A fixed, rear side horizontal | MO3H-4 | | MO340442 |
| ACB 4-pole, 100kA, 5000A fixed, rear side horizontal | MO3H-4 | | MO350442 |
| ACB 4-pole, 100kA, 6300A fixed, rear side vertical | MO3H-4 | | MO363441 |

## Accessories, factory installed



MO890450

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **MO release units** | | | |
| Electronic release ETU15B with protection function LI | MO-ZU | | MO890150 |
| Electronic release ETU25B with protection function LSI | MO-ZU | | MO890250 |
| Electronic release ETU27B with protection function LSING | MO-ZU | | MO89027G |
| Electronic release ETU45B with protection function LSIN, no display | MO-ZU | | MO890450 |
| Electronic release ETU45B with protection function LSIN + display | MO-ZU | | MO89D450 |
| Electronic release ETU76B with protection function LSIN + display | MO-ZU | | MO890760 |
| **Cover for arc chamber MO Size 1 - 3-pole** | | | |
| Arc chute cover, for guide frame MO1, 3-pole, factory installed | MO1-ZU | | MO810R10 |
| **Cover for arc chamber MO Size 1 - 4-pole** | | | |
| Arc chute cover, for guide frame MO1, 4-pole, factory installed | MO1-ZU | | MO814R10 |
| **Cover for arc chamber MO Size 2 - 3-pole** | | | |
| Arc chute cover, for guide frame MO2, 3-pole, factory installed | MO2-ZU | | MO820R10 |
| **Cover for arc chamber MO Size 2 - 4-pole** | | | |
| Arc chute cover, for guide frame MO2, 4-pole, factory installed | MO2-ZU | | MO824R10 |
| **Cover for arc chamber MO Size 3 - 3-pole** | | | |
| Arc chute cover, for guide frame MO3, 3-pole, factory installed | MO3-ZU | | MO830R10 |
| **Cover for arc chamber MO Size 3 - 4-pole** | | | |
| Arc chute cover, for guide frame MO3, 4-pole, factory installed | MO3-ZU | | MO834R10 |
| **Door sealing frame** | | | |
| Door sealing frame | MO-ZU | | MO800T40 |
| **Alarm and auxiliary contacts** | | | |
| Ready to close signalling switch, factory installed | MO-ZU | | MO800C22 |
| Tripped alarm switch, factory installed | MO-ZU | | MO800K07 |
| Additionally Auxiliary contacts 2NO+2NC, factory installed | MO-ZU | | **MO890004** |
| **Shunt trips and undervoltage release units** | | | |
| Shunt release 24VDC - 100% ED, factory installed | MO-ZU | | MO890B00 |
| Shunt release 110V DC / 110VAC, factory installed | MO-ZU | | MO890F00 |
| Shunt release 220V DC / 230VAC, factory installed | MO-ZU | | MO890G00 |
| Undervoltage release 24VDC, factory installed | MO-ZU | | MO8900J0 |
| Undervoltage release 110-125VAC/DC, factory installed | MO-ZU | | MO8900M0 |
| Undervoltage release 220VAC/DC, factory installed | MO-ZU | | MO8900N0 |
| **Motor operator** | | | |
| Motor operator, 220-250VDC / 208-240VAC, factory installed | MO-ZU | | MO894000 |
| **Mechanical interlock** | | | |
| Mechanical Interlock module for fixed type circuit breaker | MO-ZU | | MO800S55 |



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## ACB MO Size 1 - 3-pole, withdrawable


MO110236

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **55kA** | | | |
| ACB 3-pole, 55kA 1000A draw-out, rear side horizontal | MO1B | | MO110236 |
| ACB 3-pole, 55kA, 1250A draw-out, rear side horizontal | MO1B | | MO112236 |
| ACB 3-pole, 55kA, 1600A draw-out, rear side horizontal | MO1B | | MO116236 |
| ACB 3-pole, 55kA, 2000A draw-out, rear side horizontal | MO1B | | MO120236 |
| **66kA** | | | |
| ACB 3-pole, 66kA 1000A draw-out, rear side horizontal | MO1N | | MO110336 |
| ACB 3-pole, 66kA, 1250A draw-out, rear side horizontal | MO1N | | MO112336 |
| ACB 3-pole, 66kA, 1600A draw-out, rear side horizontal | MO1N | | MO116336 |
| ACB 3-pole, 66kA, 2000A draw-out, rear side horizontal | MO1N | | MO120336 |

## ACB MO Size 1 - 4-pole, withdrawable


MO110246

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **55kA** | | | |
| ACB 4-pole, 55kA 1000A draw-out, rear side horizontal | MO1B-4 | | MO110246 |
| ACB 4-pole, 55kA, 1250A draw-out, rear side horizontal | MO1B-4 | | MO112246 |
| ACB 4-pole, 55kA, 1600A draw-out, rear side horizontal | MO1B-4 | | MO116246 |
| ACB 4-pole, 55kA, 2000A draw-out, rear side horizontal | MO1B-4 | | MO120246 |
| **66kA** | | | |
| ACB 4-pole, 66kA 1000A draw-out, rear side horizontal | MO1N-4 | | MO110346 |
| ACB 4-pole, 66kA, 1250A draw-out, rear side horizontal | MO1N-4 | | MO112346 |
| ACB 4-pole, 66kA, 1600A draw-out, rear side horizontal | MO1N-4 | | MO116346 |
| ACB 4-pole, 66kA, 2000A draw-out, rear side horizontal | MO1N-4 | | MO120346 |

## ACB MO Size 2 - 3-pole, withdrawable



MO216236

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **66kA** | | | |
| ACB 3-pole, 66kA, 1600A draw-out, rear side horizontal | MO2B | | MO216236 |
| ACB 3-pole, 66kA, 2000A draw-out, rear side horizontal | MO2B | | MO220236 |
| ACB 3-pole, 66kA, 2500A draw-out, rear side horizontal | MO2B | | MO225236 |
| ACB 3-pole, 66kA, 3200A draw-out, rear side horizontal | MO2B | | MO232236 |
| ACB 3-pole, 66kA, draw-out, rear side vertical | MO2B | | MO240237 |
| **80kA** | | | |
| ACB 3-pole, 80kA, 1600A draw-out, rear side horizontal | MO2N | | MO216336 |
| ACB 3-pole, 80kA, 2000A draw-out, rear side horizontal | MO2N | | MO220336 |
| ACB 3-pole, 80kA, 2500A draw-out, rear side horizontal | MO2N | | MO225336 |
| ACB 3-pole, 80kA, 3200A draw-out, rear side horizontal | MO2N | | MO232336 |
| ACB 3-pole, 80kA, draw-out, rear side vertical | MO2N | | MO240337 |

## ACB MO Size 2 - 4-pole, withdrawable



MO216246

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **66kA** | | | |
| ACB 4-pole, 66kA, 1600A draw-out, rear side horizontal | MO2B-4 | | MO216246 |
| ACB 4-pole, 66kA, 2000A draw-out, rear side horizontal | MO2B-4 | | MO220246 |
| ACB 4-pole, 66kA, 2500A draw-out, rear side horizontal | MO2B-4 | | MO225246 |
| ACB 4-pole, 66kA, 3200A draw-out, rear side horizontal | MO2B-4 | | MO232246 |
| ACB 4-pole, 66kA, 4000A draw-out, rear side vertical | MO2B-4 | | MO240247 |
| **80kA** | | | |
| ACB 4-pole, 80kA, 1600A draw-out, rear side horizontal | MO2H-4 | | MO216346 |
| ACB 4-pole, 80kA, 2000A draw-out, rear side horizontal | MO2N-4 | | MO220346 |
| ACB 4-pole, 80kA, 2500A draw-out, rear side horizontal | MO2N-4 | | MO225346 |
| ACB 4-pole, 80kA, 3200A draw-out, rear side horizontal | MO2N-4 | | MO232346 |
| ACB 4-pole, 80kA, 4000A draw-out, rear side vertical | MO2N-4 | | MO240347 |

## ACB MO Size 3 - 3-pole, withdrawable



MO340436

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **100kA** | | | |
| ACB 3-pole, 100kA, 4000A draw out, rear side horizontal | MO3H | | MO340436 |
| ACB 3-pole, 100kA, 5000A draw out, rear side horizontal | MO3H | | MO350436 |
| ACB 3-pole, 100kA, 6300A draw out, rear side vertical | MO3H | | MO363437 |

## ACB MO Size 3 - 4-pole, withdrawable



MO340446

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **100kA** | | | |
| ACB 4-pole, 100kA, 4000A draw out, rear side horizontal | MO3H-4 | | MO340446 |
| ACB 4-pole, 100kA, 5000A draw out, rear side horizontal | MO3H-4 | | MO350446 |
| ACB 4-pole, 100kA, 6300A draw out, rear side vertical | MO3H-4 | | MO363447 |

## Accessories, factory installed


MO800R55

| DESCRIPTION | TYPE NO. | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Alarm and auxiliary contacts** | | | |
| Electronic release ETU15B with protection function LI | MO-ZU | | MO890150 |
| Electronic release ETU25B with protection function LSI | MO-ZU | | MO890250 |
| Electronic release ETU27B with protection function LSING | MO-ZU | | MO89027G |
| Electronic release ETU45B with protection function LSIN, no display | MO-ZU | | MO890450 |
| Electronic release ETU45B with protection function LSIN + display | MO-ZU | | MO89D450 |
| Electronic release ETU76B with protection function LSIN + display | MO-ZU | | MO890760 |
| **Cover for arc chamber MO Size 1 - 3-pole** | | | |
| Arc chute cover, for guide frame MO1, 3-pole, factory installed | MO1-ZU | | MO810R10 |
| **Cover for arc chamber MO Size 1 - 4-pole** | | | |
| Arc chute cover, for guide frame MO1, 4-pole, factory installed | MO1-ZU | | MO814R10 |
| **Cover for arc chamber MO Size 2 - 3-pole** | | | |
| Arc chute cover, for guide frame MO2, 3-pole, factory installed | MO2-ZU | | MO820R10 |
| **Cover for arc chamber MO Size 2 - 4-pole** | | | |
| Arc chute cover, for guide frame MO2, 4-pole, factory installed | MO2-ZU | | MO824R10 |
| **Cover for arc chamber MO Size 3 - 3-pole** | | | |
| Arc chute cover, for guide frame MO3, 3-pole, factory installed | MO3-ZU | | MO830R10 |
| **Cover for arc chamber MO Size 3 - 4-pole** | | | |
| Arc chute cover, for guide frame MO3, 4-pole, factory installed | MO3-ZU | | MO834R10 |
| **Shutter** | | | |
| Shutter 3-pole, frame size 1 | MO1-ZU | | MO810R21 |
| Shutter 4-pole, frame size 1, factory installed | MO1-ZU | | MO814R21 |
| Shutter 3-pole, frame size 2, factory installed | MO2-ZU | | MO820R21 |
| Shutter 4-pole, frame size 2, factory installed | MO2-ZU | | MO824R21 |
| Shutter 3-pole, frame size 3, factory installed | MO3-ZU | | MO830R21 |
| Shutter 4-pole, frame size 3, factory installed | MO3-ZU | | MO834R21 |
| **Door sealing frame** | | | |
| Door sealing frame | MO-ZU | | MO800T40 |
| **Alarm and auxiliary contacts** | | | |
| Ready to close signalling switch, factory installed | MO-ZU | | MO800C22 |
| Tripped alarm switch, factory installed | MO-ZU | | MO800K07 |
| **Shunt trips and undervoltage release units** | | | |
| Shunt release 24VDC - 100% ED, factory installed | MO-ZU | | MO890B00 |
| Shunt release 110V DC / 110VAC, factory installed | MO-ZU | | MO890F00 |
| Shunt release 220V DC / 230VAC, factory installed | MO-ZU | | MO890G00 |
| Undervoltage release 24VDC, factory installed | MO-ZU | | MO8900J0 |
| Undervoltage release 110-125VAC/DC, factory installed | MO-ZU | | MO8900M0 |
| Undervoltage release 220VAC/DC, factory installed | MO-ZU | | MO8900N0 |
| **Motor operator** | | | |
| Motor operator, 220-250VDC / 208-240VAC, factory installed | MO-ZU | | MO894000 |
| **Mechanical interlock** | | | |
| Mechanical Interlock module for draw-out circuit breaker | MO-ZU | | MO800R55 |

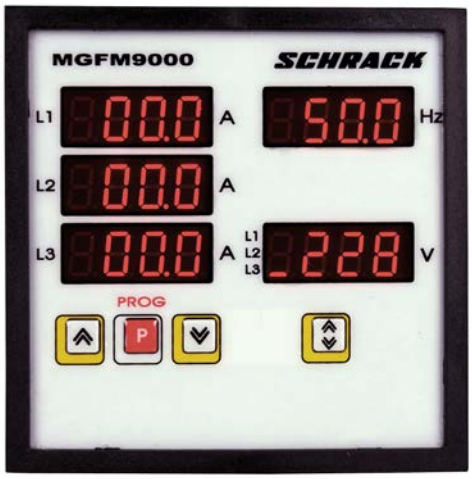
## Mains Analyser NA96




## Modular Mains Analyser




## Digital Multimeter




## Analogue-Ammeter AC




## Modular Operating Hour Meter for Flush Mounting 48 x 48 mm




## Modular Current Transformers



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Measuring Instruments and Mains Analysers

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# Measuring Instruments and Mains Analysers

## Mains Analyser NA96



MGF39000

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Mains Analyser NA96** | | |
| Netanalyser 96 x 96mm, NA96 | | **MGF39000** |
| Netanalyser 96 x 96mm, NA96+ | | **MGF39001** |
| **Modules** | | |
| for alarm contacts | | **MGF3900A** |
| for Impulse Contacts | | **MGF3900I** |
| for analog contacts | | **MGF3900M** |
| energy value storage - RS485 interface | | **MGF3900S** |
| with RS485 interface, Modbus / JBUS compatible | | **MGF3900R** |
| Interface communication Ethernet with MIDAsEvo-software | | **MGF3900E** |
| for M-Bus | | **MGF3900B** |
| with profibus interface | | **MGF3900P** |
| for lonworks | | MGF3900L |
| **Accessories and Software** | | |
| Ethernet module, din-rail | | MGZEM001 |
| Software MIDAsEvo1 up to 5 devices with E-Mail licence | | MGF39SE1 |
| Software MIDAsEvo2 up to 20 devices with USB-dongle | | MGF39SE2 |
| Software MIDAsEvo3 unlimited devices / USB-dongle | | MGF39SE3 |

## Mains Analyser MF9



MGF37900

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Netanalyser MF9, 96 x 96mm, with RS 485 connection for ModBus RTU / TCP | | **MGF37900** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Mains Analyser SD



MGF33000

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Network analyser SD, 96 x 96 | | **MGF33000** |
| Network analyser SD9, 96 x 96 | | **MGF33000-A** |

## Digital Multimeter



MGFM9000

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Three phase programmable digital multimeter | | **MGFM9000** |

## Modular Mains Analyser


MGR30000

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Modular netanalyser MF7-45 for current transformer | | **MGR30000** |

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## Analogue-Ammeter AC



MGF57025-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Analogue-Ammeter AC, 48 x 48** | | |
| 5A, AC, direct, 48 x 48 | | MGF54005-A |
| 10A, AC, direct, 48 x 48 | | MGF54010-A |
| 15A, AC, direct, 48 x 48 | | MGF54015-A |
| 25A, AC, direct, 48 x 48 | | MGF54025-A |
| for current-transformer 5A, AC, 48 x 48 | | MGF54000-A |
| **Analogue-Ammeter AC, 72 x 72** | | |
| 5A, AC, direct, 72 x 72 | | MGF57005-A |
| 10A, AC, direct, 72 x 72 | | MGF57010-A |
| 25A, AC, direct, 72 x 72 | | MGF57025-A |
| 50A, AC, direct, 72 x 72 | | MGF57050-A |
| for current-transformer 5A, AC, 72 x 72 | | MGF57000-A |
| **Analogue-Ammeter AC, 96 x 96** | | |
| 15A, AC, direct, 96 x 96 | | MGF59015-A |
| 25A, AC, direct, 96 x 96 | | MGF59025-A |
| 50A, AC, direct, 96 x 96 | | MGF59050-A |
| for current-transformer 5A, AC, 96 x 96 | | MGF59000-A |
| **Scale-Plates Analogue-Ammeter AC, 48 x 48** | | |
| 25A / 5A, AC, 48 x 48 | | MGS54025-A |
| 50A / 5A, AC, 48 x 48 | | MGS54050-A |
| 100A / 5A, AC, 48 x 48 | | MGS54100-A |
| **Scale-Plates Analogue-Ammeter AC, 72 x 72** | | |
| 50 / 5A, AC, 72 x 72 | | MGS57050-A |
| 60 / 5A, AC, 72 x 72 | | MGS57060-A |
| 80 / 5A, AC, 72 x 72 | | MGS57080-A |
| 100 / 5A, AC, 72 x 72 | | MGS57100-A |
| 150 / 5A, AC, 72 x 72 | | MGS57150-A |
| 200 / 5A, AC, 72 x 72 | | MGS57200-A |
| 250 / 5A, AC, 72 x 72 | | MGS57250-A |
| 300 / 5A, AC, 72 x 72 | | MGS57300-A |
| 400 / 5A, AC, 72 x 72 | | MGS57400-A |
| 500 / 5A, AC, 72 x 72 | | MGS57500-A |
| 600 / 5A, AC, 72 x 72 | | MGS57600-A |
| 800 / 5A, AC, 72 x 72 | | MGS57800-A |
| 1000 / 5A, AC, 72 x 72 | | MGS571K0-A |
| 1500 / 5A, AC, 72 x 72 | | MGS571K5-A |
| **Scale-Plates Analogue-Ammeter AC, 96 x 96** | | |
| 50 / 5A, AC, 96 x 96 | | MGS59050-A |
| 60 / 5A, AC, 96 x 96 | | MGS59060-A |
| 80 / 5A, AC, 96 x 96 | | MGS59080-A |
| 100 / 5A, AC, 96 x 96 | | MGS59100-A |
| 150 / 5A, AC, 96 x 96 | | MGS59150-A |
| 200 / 5A, AC, 96 x 96 | | MGS59200-A |
| 250 / 5A, AC, 96 x 96 | | MGS59250-A |
| 300 / 5A, AC, 96 x 96 | | MGS59300-A |
| 400 / 5A, AC, 96 x 96 | | MGS59400-A |
| 500 / 5A, AC, 96 x 96 | | MGS59500-A |
| 600 / 5A, AC, 96 x 96 | | MGS59600-A |
| 800 / 5A, AC, 96 x 96 | | MGS59800-A |

## Analogue-Ammeter AC



MG159005

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Scale-Plates Analogue-Ammeter AC, 96 x 96** | | |
| 1000 / 5A, AC, 96 x 96 | ✓ | **MGS591K0-A** |
| 1500 / 5A, AC, 96 x 96 | ✓ | **MGS591K5-A** |
| 2000 / 5A, AC, 96 x 96 | ✓ | **MGS592K0-A** |
| 2500 / 5A, AC, 96 x 96 | ✓ | **MGS592K5-A** |
| 3000 / 5A, AC, 96 x 96 | ✓ | **MGS593K0-A** |
| **Analogue-Ammeter AC for DIN-Rails** | | |
| 5A direct oder Wandler | ✓ | **MG159005** |
| 10A direct | ✓ | **MG159010** |
| 25A direct | ✓ | **MG159025** |
| 40A direct | ✓ | **MG159040** |
| 20A direct | | MG109020 |
| **Scale-Plates for Analogue-Ammeter AC for DIN-rails** | | |
| 50A | | MG95A050 |
| 60A | | MG95A060 |
| 100A | | MG95A100 |
| 150A | | MG95A150 |
| 200A | | MG95A200 |
| 400A | | MG95A400 |

## Analogue-Ammeter DC



MGF17025-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Analogue-Ammeter DC, 72 x 72** | | |
| 25A, DC, direct, 72 x 72 | ✓ | **MGF17025-A** |
| 60A, DC, direct, 72 x 72 | ✓ | **MGF17060-A** |
| For shunt, DC, 72 x 72 | ✓ | **MGF17000-A** |
| **Scale-Plates for Analogue-Ammeter DC, 72 x 72** | | |
| 60A, DC, 72 x 72 | ✓ | **MGS17060-A** |
| 100A, DC, 72 x 72 | ✓ | **MGS17100-A** |
| 300A, DC, 72 x 72 | ✓ | **MGS17300-A** |
| **Analogue-Ammeter DC for DIN-Rails** | | |
| 10A direct | | MG154010 |
| 25A direct | | MG154025 |

## Analogue-Voltmeter AC



MGF67300-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Analogue-Voltmeter AC, 48 x 48** | | |
| 500V AC,48 x 48 | ✓ | **MGF64500-A** |
| **Analogue-Voltmeter AC, 72 x 72** | | |
| 300V AC, 72 x 72 | ✓ | **MGF67300-A** |
| 500V AC, 72 x 72 | ✓ | **MGF67500-A** |
| **Analogue-Voltmeter AC, 96 x 96** | | |
| 500V AC, 96 x 96 | ✓ | **MGF69500-A** |
| **Analogue-Voltmeter AC, for DIN-Rails** | | |
| 250V DC | | MG059250 |
| 500V DC | ✓ | **MG059500** |

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## Analogue-Voltmeter with Integrated Switch



MGF77500-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Analogue-Voltmeter AC, 72 x 72 with Integrated Switch** | | |
| 500V AC, 72 x 72 | | **MGF77500-A** |
| **Analogue-Voltmeter AC, 96 x 96 with Integrated Switch** | | |
| 500V AC, 96 x 96 | | **MGF79500-A** |

## Analogue-Voltmeter DC



MGF27060-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Analogue-Voltmeter DC, 72 x 72** | | |
| 15V DC, 72 x 72 | | **MGF27015-A** |
| 30V DC, 72 x 72 | | **MGF27030-A** |
| 60V DC, 72 x 72 | | **MGF27060-A** |
| 300V DC, 72 x 72 | | **MGF27300-A** |
| **Analogue-Voltmeter DC for DIN-Rails** | | |
| 100V DC | | MG054100 |
| 100(120)V DC / 500(600)V DC | | MG004600-A |

## Analogue-Frequency Meter

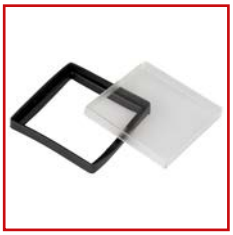


MGF89050-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Analogue-Frequency Meter, 72 x 72** | | |
| 45 - 65Hz, 72 x 72 | | **MGF87050-A** |
| **Analogue-Frequency Meter, 96 x 96** | | |
| 45 - 65Hz, 96 x 96 | | **MGF89050-A** |
| **Frequency Meter for DIN-rails** | | |
| 45 - 55Hz, 400V AC | | MG359055 |

## Accessories for Measurements


MG900012-A


MGZD7000-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Terminal cover** | | |
| 48 x 48 | | **MG900010-A** |
| 72 x 72 | | **MG900011-A** |
| 96 x 96 | | **MG900012-A** |
| **Front Protection IP65** | | |
| Front protection IP65- for 72 x 72 | | **MGZD7000-A** |
| Front protection IP65- for 96 x 96 | | **MGZD9000-A** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

# kWh Meters

## Digital-kWh-Meter with MID, Series MIZ



MGMIZ132

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **S0-Connection** | | |
| 32A direct with MID | | **MGMIZ132** |
| **M-Bus-Connection** | | |
| 32A direct with MID and M-Bus-connection | | **MGMIZ632** |

# Operating Hour Meters

## Modular Operating Hour Meter for Flush Mounting 48 x 48 mm




BZ326413-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 230V AC, IP20 | | **BZ326413-A** |
| 230V AC, IP54 | | **BZ326414-A** |
| Adapter frame 55 x 55 for BZ326413-A & BZ326414-A | | **BZ326416-A** |

## Modular Hour Meter for DIN-Rail Mounting



BZ326418-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 230V AC | | **BZ326418-A** |
| 24V AC | | **BZ326423-A** |

# Current Transformers

## Modular Current Transformers


MG900220

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 40 / 5A | | MG900220 |
| 50 / 5A | | MG900221 |
| 60 / 5A | | MG900222 |
| 80 / 5A | | MG900224 |
| 100 / 5A | | MG900225 |
| 150 / 5A | | MG900227 |

## Current-Transformers, for Cable 21mm Ø


MG952025-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 40 / 5A | | MG952004-A |
| 50 / 5A | | MG952005-A |
| 60 / 5A | | MG952006-A |
| 80 / 5A | | MG952008-A |
| 100 / 5A | | MG952010-A |
| 150 / 5A | | MG952015-A |
| 200 / 5A | | MG952020-A |
| 250 / 5A | | MG952025-A |

## Current-Transformers, for busbar 30 x 10mm


MG954030-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 50 / 5A | | MG954005-A |
| 60 / 5A | | MG954006-A |
| 100 / 5A | | MG954010-A |
| 150 / 5A | | MG954015-A |
| 200 / 5A | | MG954020-A |
| 250 / 5A | | MG954025-A |
| 300 / 5A | | MG954030-A |
| 400 / 5A | | MG954040-A |
| 500 / 5A | | MG954050-A |
| 600 / 5A | | MG954060-A |

## Current-Transformers, for busbar 40 x 10mm


MG955080-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 250 / 5A | | **MG955025-A** |
| 400 / 5A | | **MG955040-A** |
| 500 / 5A | | **MG955050-A** |
| 600 / 5A | | **MG955060-A** |
| 800 / 5A | | **MG955080-A** |

## Current-Transformers, for busbar 50 x 10mm


MG956040-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 400 / 5A | | **MG956040-A** |
| 600 / 5A | | **MG956060-A** |

## Current-Transformers, for busbar 65 x 32mm


MG957150-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 800 / 5A | | **MG957080-A** |
| 1000 / 5A | | **MG957100-A** |
| 1500 / 5A | | **MG957150-A** |
| 2000 / 5A | | MG957200-A |

## Current-Transformers, for busbar 80 x 30mm



MG958100-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 1000 / 5A | | **MG958100-A** |
| 1500 / 5A | | **MG958150-A** |
| 2000 / 5A | | **MG958200-A** |
| 2500 / 5A | | MG958250-A |

## Current-Transformers, for busbar 125 x 50mm



MG959200-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 2000 / 5A | | **MG959200-A** |
| 2500 / 5A | | **MG959250-A** |
| 3000 / 5A | | MG959300-A |
| 4000 / 5A | | MG959400-A |

## Current-Transformers, Split Version



MG967150

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 100 / 5A | | MG967100 |
| 150 / 5A | | **MG967150** |
| 250 / 5A | | **MG967250** |
| 400 / 5A | | **MG968400** |
| 600 / 5A | | **MG968600** |

# Shunts 60mV

## Shunt 135 x 30 x 23mm



MG900105

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 15A | | MG900105 |
| 20A | | MG900106 |
| 25A | | MG900107 |
| 40A | | MG900109 |
| 60A | | **MG900111** |
| 100A | | **MG900112** |
| 150A | | MG900113 |
| 200A | | MG900114 |

## Shunt 145 x 30 x 30mm



MG9001XX

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 250A | | MG900115 |
| 300A | | MG900116 |
| 400A | | MG900117 |
| 500A | | **MG900118** |
| 600A | | MG900119 |

## Shunt 165 x 60 x 30mm



MG900120

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 800A | | MG900120 |
| 1000A | | MG900121 |

## CEE Wall Mounted Sockets



## CEE Wall Socket Combinations



## CEE Plugs - Screw Terminals



## CEE Couplings - Screw Terminals



## CEE Panel Mounting Sockets - 15° Angle Version



## Plugs and Sockets Type F Magnus Series



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# CEE Industrial Plugs and Sockets series Magnus

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CEE Plugs and Couplings ..... Page 249
CEE Panel Mounting Sockets ..... Page 250
CEE Plugs and Sockets Type E / F ..... Page 251

## CEE Wall Mounted Sockets



YY764516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CEE-Wall mounted socket 5x16A, 400V, IP44 | | YY764516 |
| CEE-Wall mounted socket 5x32A, 400V, IP44 | | YY764532 |
| CEE-Wall mounted socket outlet, 5-pole, 63A, 400V, IP44 | | YY493563 |
| M20x1.5 | | M270020 |
| M25x1.5 | | M270025 |

## CEE Wall Socket Combinations



YY774516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CEE-Wall socket combination, 16A, 250V, IP44, pre-wired | | YY774516 |
| CEE Wall socket combination IP44, ready wired, 32A | | YY493432 |
| M25x1.5 | | M270025 |

## CEE Wall Mounted Plugs



YY754516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CEE-Wall mounted plug 5x16A, 400V, IP44 | | YY754516 |
| CEE-Wall mounted plug 5x32A, 400V, IP44 | | YY754532 |
| M20x1.5 | | M270020 |
| M25x1.5 | | M270025 |

## CEE Plugs - Screw Terminals



YY714516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CEE-Plug 5x16A, 400V, IP44 | | YY714516 |
| CEE-Plug 5x32A, 400V, IP44 | | YY714532 |
| CEE-Plug 5x63A, 400V, IP44 | | YY714563 |

## CEE Plugs - Screwless Terminals



YY514516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CEE-Plug 5x16A 400V IP44 Quick connection | | YY514516 |

## CEE Couplings - Screw Terminals



YY724516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CEE-Coupling 5x16A, 400V, IP44 | | YY724516 |
| CEE-Coupling 5x32A, 400V, IP44 | | YY724532 |
| CEE-Coupling 5x63A, 400V, IP44 | | YY724563 |

## CEE Couplings - Screwless Terminals



YY524516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CEE-Coupling 5x16A Quick connection | | YY524516 |

## CEE Plugs with Phase Inverter



YY734516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CEE-Plug with phase inverter, 5x16A, 400V, IP44 | | YY734516 |
| CEE-Plug with phase inverter, 5x32A, 400V, IP44 | | YY734532 |

## CEE Panel Mounting Sockets - 15° Angle Version



YY784516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CEE-Panel mounting socket 5x16A, 400V, IP44, Angle 15°, with sealing | | **YY784516** |
| CEE-Panel mounting socket 5x32A, 400V, IP44, Angle 15°, with sealing | | **YY784532** |
| CEE-Panel mounting socket 5x63A, 400V, IP44, Angle 15°, with sealing | | **YY784563** |

## CEE Panel Mounting Sockets - Straight Version



YY794516

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CEE-Panel mounting socket 5x16A, 400V, IP44, straight, with sealing | | **YY794516** |
| CEE-Panel mounting socket 5x32A, 400V, IP44, straight, with sealing | | **YY794532** |

## Plugs and Sockets Type F Magnus Series



YY794316

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Schuko panel mounting socket 16A, 250V, IP54 blue, with sealing | | YY794316 |
| Schuko panel mounting socket screwless terminals 16A 250V IP44 blue, with sealing | | YY594316 |
| Schuko-Socket, Impact resistant, 16A, 250V, IP54, with cover | | YY724316 |
| Schuko-Plug Impact resistant 16A 250V IP44 black | | YY714316 |

## DIN Rail Sockets Type E / Type F



BZ325003

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DIN Rail mountable socket, with LED and screw connection | | BZ325003 |
| DIN Rail German socket 16A, 250V | | BZ325004 |
| DIN Rail French socket screw terminals, 16A, 250V | | BZ325005 |

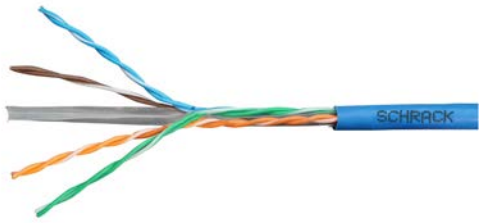
## CEE Flush- / Surface Mounted Sockets



YY493716

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| CEE flush mounting socket, 16A | | YY493716 |
| CEE flush mounting socket, 32A | | YY493732 |
| CEE-Wall mounting socket outlet, 5-pole, 16A, 400V, IP44 | | YY494517 |
| CEE-Panel-mounted socket outlet, 5-pole, 16A, 400V, IP44, for DIN-rail-mounting | | YY494518 |

## Installation Cables U/UTP Cat.6




## Installation Cables S/FTP Cat.7$_A$




## Coax Cables



## Coax Cables



## Patchcords Cat.6$_A$



## Coax Patchcords



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Network Cables - Copper

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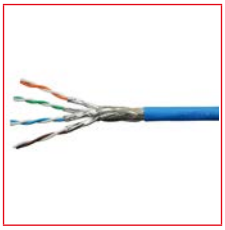
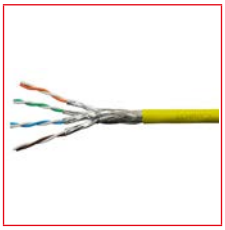
## Installation Cables Copper

### Installation Cables S/FTP Cat.7$_A$ 1200MHz 50% Braid-coverage LS0H-3


HSEKP422HB


HSEKP822HB


HSEKP422HY


HSEKP822HY

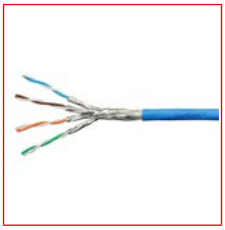
| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| S/FTP Cable Cat.7$_A$, 4x2xAWG22/1, 1.200Mhz, LS0H-3, B2ca-s1a-d1-a1, 50%, blue | 35,00 | | **HSEKP422HB** |
| S/FTP Cable Cat.7$_A$, 4x2xAWG22/1, 1.200Mhz, LS0H-3, B2ca-s1a-d1-a1, 50%, blue, Drum 1000m | 35,00 | | **HSKP422HB1** |
| S/FTP Cable Cat.7$_A$, 4x2xAWG22/1, 1.200Mhz, LS0H-3, B2ca-s1a-d1-a1, 50%, blue, Drum 500m | 35,00 | | **HSKP422HB5** |
| S/FTP Cable Cat.7$_A$, 4x2xAWG22/1, 1.200Mhz, LS0H-3, B2ca-s1a-d1-a1, 50%, yellow | 35,00 | | **HSEKP422HY** |
| S/FTP Cable Cat.7$_A$, 4x2xAWG22/1, 1.200Mhz, LS0H-3, B2ca-s1a-d1-a1, 50%, yellow, Drum 1000m | 35,00 | | **HSKP422HY1** |
| S/FTP Cable Cat.7$_A$, 4x2xAWG22/1, 1.200Mhz, LS0H-3, B2ca-s1a-d1-a1, 50%, yellow, Drum 500m | 35,00 | | **HSKP422HY5** |
| S/FTP Cable Cat.7$_A$, 2x(4x2xAWG22/1),1.200Mhz,LS0H-3, Cca-s1-d1-a1, 50%, blue | 70,00 | | **HSEKP822HB** |
| S/FTP Cable Cat.7$_A$, 2x(4x2xAWG22/1),1.200Mhz,LS0H-3, Cca-s1-d1-a1, 50% blue, blue, Drum 500m | 70,00 | | **HSKP822HB5** |
| S/FTP Cable Cat.7$_A$, 2x(4x2xAWG22/1),1.200Mhz,LS0H-3, Cca-s1-d1-a1, 50%, yellow | 70,00 | | **HSEKP822HY** |
| S/FTP Cable Cat.7$_A$, 2x(4x2xAWG22/1),1.200Mhz,LS0H-3, Cca-s1-d1-a1, 50%, yellow, Drum 500m | 70,00 | | **HSKP822HY5** |

### Installation Cables S/FTP Cat.7$_A$ 1500MHz LS0H-3


HSEKP422HP

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| S/FTP Cable Cat.7$_A$, 4x2xAWG22/1, 1.500Mhz, LS0H-3, Dca-s2-d2-a1, blue | 34,00 | | **HSEKP422HP** |
| S/FTP Cable Cat.7$_A$, 4x2xAWG22/1, 1.500Mhz, LS0H-3, Dca-s2-d2-a1, blue, Drum 1000m | 34,00 | | **HSKP422HP1** |
| S/FTP Cable Cat.7$_A$, 4x2xAWG22/1, 1.500Mhz, LS0H-3, Dca-s2-d2-a1, blue, Drum 500m | 34,00 | | **HSKP422HP5** |

### Installation Cables S/FTP Cat.7 1000MHz 40% Braid-coverage LS0H

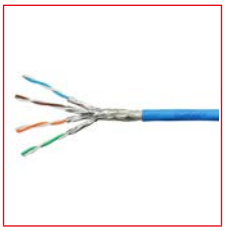

HSEKP423HB

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H, Dca-s2-d1-a1, 40%, blue | 28,00 | | **HSEKP423HB** |
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H, Dca-s2-d1-a1, 40%, blue, Drum 1000m | 28,00 | | **HSKP423HB1** |
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H, Dca-s2-d1-a1, 40%, blue, Drum 500m | 28,00 | | **HSKP423HB5** |
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H, Dca-s2-d1-a1, 40%, blue, Box 100m | 28,00 | | **HSKP423HB9** |
| S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LS0H, Dca-s2-d2-a1, 40%, blue | 56,00 | | **HSEKP823HB** |
| S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LS0H, Dca-s2-d2-a1, 40%, blue, Drum 500m | 56,00 | | **HSKP823HB5** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Installation Cables S/FTP Cat.7 1000MHz 30% Braid-coverage LS0H and LS0H-3


HSEKP4233P


HSEKP8233P

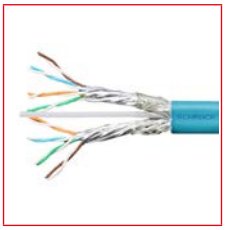
| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H-3, Dca-s1-d1-a1, 30%, blue | 25,50 | | HSEKP4233P |
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H-3, Dca-s1-d1-a1, 30%, blue, Drum 1000m | 25,50 | | HSKP4233P1 |
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H-3, Dca-s1-d1-a1, 30%, blue, Drum 500m | 25,50 | | HSKP4233P5 |
| S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LS0H-3, Cca-s1-d1-a1, 30%, blue | 51,00 | | HSEKP8233P |
| S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LS0H-3, Cca-s1-d1-a1, 30%, blue, Drum 500m | 51,00 | | HSKP8233P5 |
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H, Dca-s2-d1-a1, 30%, blue | 25,50 | | HSEKP423HP |
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H, Dca-s2-d1-a1, 30%, blue, Drum 1000m | 25,50 | | HSKP423HP1 |
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H, Dca-s2-d1-a1, 30%, blue, Drum 500m | 25,50 | | HSKP423HP5 |
| S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LS0H, Dca-s1-d1-a1, 30%, blue | 51,00 | | HSEKP823HP |
| S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LS0H, Dca-s1-d1-a1, 30%, blue, Drum 500m | 51,00 | | HSKP823HP5 |

## Installation Cables S/FTP Cat.7 1200MHz 65% Braid-coverage LS0H-3 Bca


HVSKP423BA

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| S/FTP Cat.7 4x2xAWG23/1, 1200 MHz, LS0H-3, B2ca, 65%, waterblue | 32,50 | | HVSKP423BA |
| S/FTP Cat.7 4x2xAWG23/1, 1200 MHz, LS0H-3, B2ca, 65%, waterblue, Drum 1000m | 32,50 | | HVKP423BA1 |
| S/FTP Cat.7 4x2xAWG23/1, 1200 MHz, LS0H-3, B2ca, 65%, waterblue, Drum 500m | 32,50 | | HVKP423BA5 |

## Installation Cables with FO tube S/FTP Cat.7 1200MHz 65% Braid-coverage LS0H-3 Bca


HVSKT823BA

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| S/FTP C7 2x(4x2xAWG23/1), 1200MHz, LS0H-3, B2ca, 65%, FO support, waterblue | 65,00 | | HVSKT823BA |
| S/FTP C7 2x(4x2xAWG23/1), 1200MHz, LS0H-3, B2ca, 65%, FO support, water blue, Drum 500m | 65,00 | | HVKT823BA5 |

## Installation Cables S/FTP Cat.7 800MHz PE OUTDOOR


HCKP08-04E

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| S/FTP cable Cat.7, 4x2xAWG23/1, 800 Mhz, PE OUTDOOR, black | 33,00 | | HCKP08-04E |
| S/FTP cable Cat.7, 4x2xAWG23/1, 800 Mhz, PE OUTDOOR, black, drum 1000 m | 33,00 | | HCKP0804E1 |

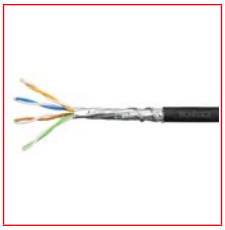
## Installation Cables S/FTP Cat.7 1000MHz PE OUTDOOR



HCKP10N04E

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1000Mhz, PE OUTDOOR, black | 34,00 | | **HCKP10N04E** |
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1000Mhz, PE OUTDOOR, black, Drum 500m | 34,00 | | **HCKP1004E5** |
| S/FTP Cable Cat.7, 4x2xAWG23/1, 1000Mhz, PE OUTDOOR, black, Drum 1000m | 34,00 | | **HCKP1004E1** |

## Installation Cables S/FTP Cat.$6_A$ 500MHz 30% Braid-coverage LS0H-3



HSEKP4233A

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| S/FTP Cable Cat.$6_A$, 4x2xAWG23/1, 500MHz, LS0H-3, Dca-s2-d2-a1, black | 24,00 | | **HSEKP4233A** |
| S/FTP Cable Cat.$6_A$, 4x2xAWG23/1, 500MHz, LS0H-3, Dca-s2-d2-a1, black, Drum 1000m | 24,00 | | **HSKP4233A1** |
| S/FTP Cable Cat.$6_A$, 4x2xAWG23/1, 500MHz, LS0H-3, Dca-s2-d2-a1, black, Drum 500m | 24,00 | | **HSKP4233A5** |

## Installation Cables F/FTP Cat.$6_A$ 500MHz LS0H



HSEKP423HA



HSEKP823HA

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| F/FTP cable Cat.$6_A$, 4x2xAWG23/1, 500 Mhz, LS0H, Dca-s2-d2-a1, blue | 20,00 | | **HSEKP423HA** |
| F/FTP cable Cat.$6_A$, 4x2xAWG23/1, 500 Mhz, LS0H, Dca-s2-d2-a1, blue, drum 1000 m | 20,00 | | **HSKP423HA1** |
| F/FTP cable Cat.$6_A$, 4x2xAWG23/1, 500 Mhz, LS0H, Dca-s2-d2-a1, blue, drum 500 m | 20,00 | | **HSKP423HA5** |
| F/FTP Cable Cat.$6_A$, 2x(4x2xAWG23/1), 500MHz, LS0H, Dca-s2-d2-a1, blue | 40,00 | | **HSEKP823HA** |
| F/FTP Cable Cat.$6_A$, 2x(4x2xAWG23/1), 500MHz, LS0H, Dca-s2-d2-a1, blue, Drum 500m | 40,00 | | **HSKP823HA5** |

## Installation Cables U/FTP Cat.$6_A$ LS0H 500MHz Cca s1, d1, a1



HSEKF423CA

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| U/FTP Cable Cat.$6_A$, 4x2xAWG23/1, 500Mhz, LS0H, Cca s1a,d1,a1, blue | 20,00 | | **HSEKF423CA** |
| U/FTP Cable Cat.$6_A$, 4x2xAWG23/1, 500Mhz, LS0H, Cca s1a,d1,a1, blue | 20,00 | | **HSKF423CA5** |

## Installation Cables U/FTP Cat.6 300MHz



HSEKF423HB

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| U/FTP Cable Cat.6, 4x2xAWG23/1, 300Mhz, LS0H, Dca-s2-d1-a1, blue, | 20,00 | | **HSEKF423HB** |
| U/FTP Cable Cat.6, 4x2xAWG23/1, 300Mhz, LS0H, Dca-s2-d1-a1, blue, Drum 500m | 20,00 | | **HSKF423HB5** |

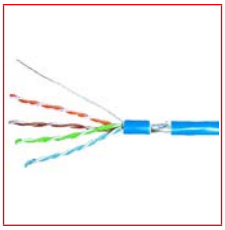
## Installation Cables SF/UTP Cat.5e



HSEKS424PP

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| SF/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, Eca, blue | 23,00 | | **HSEKS424PP** |
| SF/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, Eca, blue, Drum 500m | 23,00 | | **HSKS424PP5** |

## Installation Cables F/UTP Cat.5e



HSEKF424PP



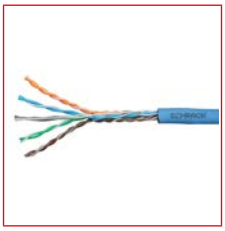
HSEKF424H1



HSEKF424E3

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| F/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, Eca, blue, Drum | 17,00 | | **HSEKF424PP** |
| F/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, Eca, blue, Drum 1000m | 17,00 | | **HSKF424PP1** |
| F/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, Eca, blue, Drum 500m | 17,00 | | **HSKF424PP5** |
| F/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, Eca, blue, Box | 17,00 | | **HSEKF424P1** |
| F/UTP Cable Cat.5e, 4x2xAWG24/1, LS0H, Eca, blue, Box | 17,00 | | **HSEKF424H1** |
| F/UTP Cable Cat.5e, 4x2xAWG24/1, PE, OUTDOOR, black, Box | 17,00 | | **HSEKF424E3** |

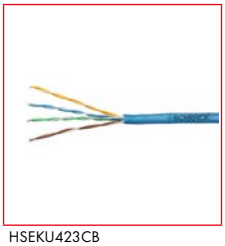
## Installation Cables U/UTP Cat.6 300MHz LS0H-3



HSEKU4233B

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| U/UTP Cable Cat.6, 4x2xAWG24/1, 300MHz, LS0H-3-25, B2ca-s1a-d1-a1, blue, Drum | 19,00 | | **HSEKU4233B** |
| U/UTP Cable Cat.6, 4x2xAWG24/1, 300MHz, LS0H-3-25, B2ca-s1a-d1-a1, blue, Drum 500m | 19,00 | | **HSKU4233B5** |

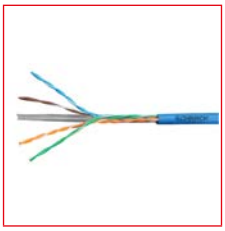
## Installation Cables U/UTP Cat.6 LS0H Cca s1, d1, a1



HSEKU423CB

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| U/UTP Cable Cat.6, 4x2xAWG24/1, 300MHz, LS0H-3-25, Cca, s1a,d1,a1, blue | 18,50 | | **HSEKU423CB** |
| U/UTP Cable Cat.6, 4x2xAWG24/1, 300MHz, LS0H-3-25, Cca, s1a,d1,a1, blue | 18,50 | | **HSKU423CB5** |

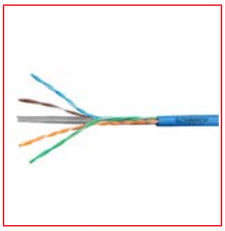
## Installation Cables U/UTP Cat.6 300MHz AWG23



HSEKU423x1

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| U/UTP Cable Cat.6, 4x2xAWG23/1, 300MHz, PVC, Eca, blue | 20,00 | | **HSEKU423P1** |
| U/UTP Cable Cat.6, 4x2xAWG23/1, 300MHz, PVC, Eca, blue, Box 305m | 20,00 | | **HSKU423P13** |
| U/UTP Cable Cat.6, 4x2xAWG23/1, 300MHz, PVC, Eca, blue, Drum 500m | 20,00 | | **HSKU423P15** |
| U/UTP Cable Cat.6, 4x2xAWG23/1, 300MHz, LS0H, Eca, blue | 20,00 | | **HSEKU423H1** |
| U/UTP Cable Cat.6, 4x2xAWG23/1, 300MHz, LS0H, Eca, blue, Box 305m | 20,00 | | **HSKU423H13** |
| U/UTP Cable Cat.6, 4x2xAWG23/1, 300MHz, LS0H, Eca, blue, Drum 500m | 20,00 | | **HSKU423H15** |
| U/UTP Cable Cat.6, 4x2xAWG23/1, PE OUTDOOR, black, Box | 20,00 | | **HSEKU423E3** |

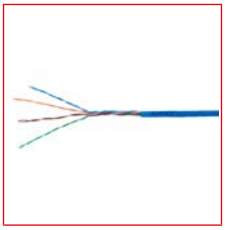
## Installation Cables U/UTP Cat.6 300MHz AWG24



HSEKU423P4

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| U/UTP Cable Cat.6, 4x2xAWG24/1, 300MHz, PVC, Eca, blue, Box | 18,00 | | **HSEKU423P4** |
| U/UTP Cable Cat.6, 4x2xAWG24/1, 300MHz, LS0H, Eca, blue, Box | 18,00 | | **HSEKU423H4** |

## Installation Cables U/UTP Cat.5e



HSEKU424P1



HSEKU424P0



HSEKU424E3

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| U/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, Eca, blue, Box | 15,00 | | **HSEKU424P1** |
| U/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, Eca, grey, Box | 15,00 | | **HSEKU424P0** |
| U/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, Eca, blue, Drum | 15,00 | | **HSEKU424PB** |
| U/UTP Cable Cat.5e, 4x2xAWG24/1, LS0H, Eca, blue, Box | 15,00 | | **HSEKU424H1** |
| U/UTP Cable Cat.5e, 4x2xAWG24/1, PE OUTDOOR, black, Box | 15,00 | | **HSEKU424E3** |

## Coax Cables DIGI-SAT

### Coaxcables DIGI-SAT 3040


XC1609801


XC1609801


XC1609801


XC1609803


XC1609809

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DIGI-SAT 3040 Coaxcable 75Ω, 1,02/4,6/6,8mm Cu, triple shielding, 110dB, Class A, PVC, Eca, white, Spool 100m, also to be used as a refill for dispenser XC1609809. | | **XC1609801** |
| DIGI-SAT 3040 Coaxcable 75Ω, 1,02/4,6/6,8mm Cu, triple shielding, 110dB, Class A, PVC, Eca, white, Drum 500 | | **XC1609803** |
| DIGI-SAT 3040 Coaxcable 75Ω, 1.02/4,6/6.8mm Cu, triple shielding, 110dB, Class A, PVC, Eca, white, Spool 100m including dispenser and carrying strap | | XC1609809 |

### Coaxcables DIGI-SAT 3030


XC1609901


XC1609901

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DIGI-SAT 3030 Coaxcable 75Ω, 1,02/4,6mm Cu, triple shielding, 100dB, Class A, PVC, Eca, white, Spool 100m | | **XC1609901** |
| DIGI-SAT 3030 Coaxcable 75Ω, 1,02/4,6mm Cu, triple shielding, 100dB, Class A, PVC, Eca, white, Drum 500m | | **XC1609903** |

## Coaxcables DIGI-SAT 3010



XC1609401

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DIGI-SAT 3010 Coaxcable 75Ω, 1,13/4,8mm Cu, double shielding, 95dB, Class A, PVC, Eca, white, Spool 100m | | **XC1609401** |
| DIGI-SAT 3010 Coaxcable 75Ω, 1,13/4,8mm Cu, double shielding, 95dB, Class A, PVC, Eca, white, Drum 500m | | **XC1609403** |
| DIGI-SAT 3010 Coaxcable 75Ω, 1,13/4,8/6,8mm Cu, double shielding, 95dB, Class A, LS0H, Eca, white, Drum 500m | | **XC1609413** |



XC1609401



XC1609401



XC1609403

## Coaxcables DIGI-SAT 3000 LS0H



XC1608911

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DIGI-SAT 3000 Coaxcable 75Ω, 1,0/4,6mm Cu, double shielding, 95dB, Class A, LS0H, Eca, white, Spool 100m | | **XC1608911** |
| DIGI-SAT 3000 Coaxcable 75Ω, 1,0/4,6/6,6mm Cu, double shielding, 95dB, Class A, LS0H, Eca, white, Drum 500m | | **XC1608913** |



XC1608911



XC1608911

## Coaxcables DIGI-SAT 3000



XC1608901



XC1608901



XC1608901



XC1608903

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DIGI-SAT 3000 Coaxcable 75Ω, 1,02/4,6mm CCS, double shielding, 90dB, Class A, PVC, Eca, white, Spool 100m | | XC1608901 |
| DIGI-SAT 3000 Coaxcable 75Ω, 1,02/4,6mm CCS, double shielding, 90dB, Class A, PVC, Eca, white, Drum 500m | | XC1608903 |

## Coaxcables DIGI-SAT 3011 PE



XC1601501



XC1601501



XC1601501

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DIGI-SAT 3011 Coaxcable 75Ω, 1,13/4,8/6,8mm CCS, double shielding, 90dB, Class A, PE, OUTDOOR, black, Spool 100m | | XC1601501 |
| DIGI-SAT 3011 Coaxcable 75Ω, 1,13/4,8/6,8mm CCS, double shielding, 90dB, Class A, PE, OUTDOOR, black, Drum 500m | | XC1601503 |

## Cable Dispenser



HTOOL00006

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Cable dispenser for 250kg Load for drums up to 52cm width, Roller spacing variable adjustable from 23 - 34cm | | **HTOOL00006** |

## Coax Cable Stripper



HSZUWAI01-



XC1600710-

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| SAT Coax Cable Stripper for Coaxcable with outer diameter 6.6 - 6.8mm, Dielectricum 4.6 - 4.8mm, Cable-Stripping for outlet- and connector-assembly, BWZ 5-02 | | **HSZUWAI01** |
| DIGI-SAT Cable Stripper for coax cable XC160.... With 6.6 - 6.8mm and 11mm diameter | | **XC1600710** |

# Patchcords Copper

## LED Patchcords RJ45 Shielded Cat.$6_A$


H6GSG02K0G


H6GSG02K0G


H6GSB02K0B


H6GSR02K0R


H6GSY02K0Y


H6GSU02K0U

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Grey** | | |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 0.33m | | H6GSG00K3G |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 0.5m | | H6GSG00K5G |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 1.0m | | H6GSG01K0G |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 2.0m | | H6GSG02K0G |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 3.0m | | H6GSG03K0G |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 5.0m | | H6GSG05K0G |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 7.0m | | H6GSG07K0G |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 10.0m | | H6GSG10K0G |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 15.0m | | H6GSG15K0G |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 20.0m | | H6GSG20K0G |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 30.0m | | H6GSG30K0G |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 50.0m | | H6GSG50K0G |
| **Blue** | | |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, blue, 0.5m | | H6GSB00K5B |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, blue, 1.0m | | H6GSB01K0B |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, blue, 2.0m | | H6GSB02K0B |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, blue, 3.0m | | H6GSB03K0B |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, blue, 5.0m | | H6GSB05K0B |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, blue, 7.0m | | H6GSB07K0B |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, blue, 10.0m | | H6GSB10K0B |
| **Red** | | |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, red, 0.5m | | H6GSR00K5R |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, red, 1.0m | | H6GSR01K0R |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, red, 2.0m | | H6GSR02K0R |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, red, 3.0m | | H6GSR03K0R |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, red, 5.0m | | H6GSR05K0R |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, red, 7.0m | | H6GSR07K0R |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, red, 10.0m | | H6GSR10K0R |
| **Yellow** | | |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, yellow, 0.5m | | H6GSY00K5Y |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, yellow, 1.0m | | H6GSY01K0Y |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, yellow, 2.0m | | H6GSY02K0Y |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, yellow, 3.0m | | H6GSY03K0Y |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, yellow, 5.0m | | H6GSY05K0Y |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, yellow, 7.0m | | H6GSY07K0Y |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, yellow, 10.0m | | H6GSY10K0Y |
| **Green** | | |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, green, 0.5m | | H6GSU00K5U |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, green, 1.0m | | H6GSU01K0U |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, green, 2.0m | | H6GSU02K0U |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, green, 3.0m | | H6GSU03K0U |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, green, 5.0m | | H6GSU05K0U |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, green, 7.0m | | H6GSU07K0U |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, green, 10.0m | | H6GSU10K0U |

## LED Patchcords RJ45 Shielded Cat.$6_A$

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Aqua** | | |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LSOH, aqua, 0.5m | | H6GSA00K5A |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LSOH, aqua, 1.0m | | H6GSA01K0A |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LSOH, aqua, 2.0m | | H6GSA02K0A |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LSOH, aqua, 3.0m | | H6GSA03K0A |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LSOH, aqua, 5.0m | | H6GSA05K0A |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LSOH, aqua, 7.0m | | H6GSA07K0A |
| LED Patchcord RJ45 shielded Cat.$6_A$ 10GB, LSOH, aqua, 10.0m | | H6GSA10K0A |

## Patchfinder Light Injector for LED Patchcords



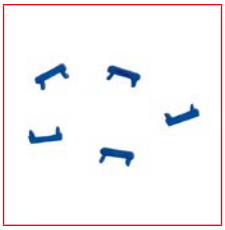
HLEDTOOL1-



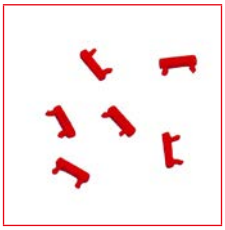
HLEDTOOL

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchfinder Light Injector for LED patchcords | | **HLEDTOOL** |
| LED Detector Pro for LED patchcords, with rechargeable battery and USB charging cable | | **HLEDTOOL1** |

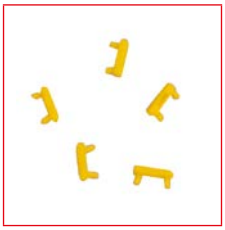
## Colored Marking Clips for LED Patchcords



HLEDCLIPB



HLEDCLIPR



HLEDCLIPY

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Marking clip for color coding for LED patchcord, blue, 100 pcs. | | **HLEDCLIPB** |
| Marking clip for color coding for LED patchcord, red, 100 pcs. | | **HLEDCLIPR** |
| Marking clip for color coding for LED patchcord, yellow, 100 pcs. | | **HLEDCLIPY** |
| Marking clip for color coding for LED patchcord, green, 100 pcs. | | **HLEDCLIPU** |

## Push Pull Patchcords RJ45 Shielded Cat.$6_A$


H6GPG02K0G


H6GPG02K0G


H6GPG02K0G


H6GPG02K0G


H6GPG02K0G


H6GPG02K0G

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Grey** | | |
| Push Pull Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 0.5m | | **H6GPG00K5G** |
| Push Pull Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 1.0m | | **H6GPG01K0G** |
| Push Pull Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 1.5m | | **H6GPG01K5G** |
| Push Pull Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 2.0m | | **H6GPG02K0G** |
| Push Pull Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 3.0m | | **H6GPG03K0G** |
| Push Pull Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 5.0m | | **H6GPG05K0G** |
| Push Pull Patchcord RJ45 shielded Cat.$6_A$ 10GB, LS0H, grey, 10.0m | | **H6GPG10K0G** |



NOVAMAT Quality and Safety from one source
SCHRACK TECHNIK

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## Patchcords RJ45 Shielded Cat.6$_A$


H6GTG02K0G


H6GTG02K0G


H6GTB02K0B


H6GTR02K0R


H6GTY02K0Y


H6GTU02K0U

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Grey** | | |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, grey, 0.5m | | H6GTG00K5G |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, grey, 1.0m | | H6GTG01K0G |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, grey, 2.0m | | H6GTG02K0G |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, grey, 3.0m | | H6GTG03K0G |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, grey, 5.0m | | H6GTG05K0G |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, grey, 7.0m | | H6GTG07K0G |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, grey, 10.0m | | H6GTG10K0G |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, grey, 15.0m | | H6GTG15K0G |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, grey, 20.0m | | H6GTG20K0G |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, grey, 30.0m | | H6GTG30K0G |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, grey, 50.0m | | H6GTG50K0G |
| **Blue** | | |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, blue, 0.5m | | H6GTB00K5B |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, blue, 1.0m | | H6GTB01K0B |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, blue, 2.0m | | H6GTB02K0B |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, blue, 3.0m | | H6GTB03K0B |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, blue, 5.0m | | H6GTB05K0B |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, blue, 10.0m | | H6GTB10K0B |
| **Red** | | |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, red, 0.5m | | H6GTR00K5R |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, red, 1.0m | | H6GTR01K0R |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, red, 2.0m | | H6GTR02K0R |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, red, 3.0m | | H6GTR03K0R |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, red, 5.0m | | H6GTR05K0R |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, red, 10.0m | | H6GTR10K0R |
| **Yellow** | | |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, yellow, 0.5m | | H6GTY00K5Y |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, yellow, 1.0m | | H6GTY01K0Y |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, yellow, 2.0m | | H6GTY02K0Y |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, yellow, 3.0m | | H6GTY03K0Y |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, yellow, 5.0m | | H6GTY05K0Y |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, yellow, 10.0m | | H6GTY10K0Y |
| **Green** | | |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, green, 0.5m | | H6GTU00K5U |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, green, 1.0m | | H6GTU01K0U |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, green, 2.0m | | H6GTU02K0U |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, green, 3.0m | | H6GTU03K0U |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, green, 5.0m | | H6GTU05K0U |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, green, 10.0m | | H6GTU10K0U |
| **Black** | | |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, orange, 0.5m | | H6GTN00K5N |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, orange, 1.0m | | H6GTN01K0N |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, orange, 2.0m | | H6GTN02K0N |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, orange, 3.0m | | H6GTN03K0N |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, orange, 5.0m | | H6GTN05K0N |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, orange, 10.0m | | H6GTN10K0N |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Patchcords RJ45 Shielded Cat.6$_A$

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Orange** | | |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, black, 0.5m | | H6GTS00K5S |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, black, 1.0m | | H6GTS01K0S |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, black, 2.0m | | H6GTS02K0S |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, black, 3.0m | | H6GTS03K0S |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, black, 5.0m | | H6GTS05K0S |
| Patchcord RJ45 shielded Cat.6$_A$ 10GB, LSOH, black, 10.0m | | H6GTS10K0S |

## Patchcords RJ45 Shielded Cat.6


H6GLG02K0G


H6GLG02K0G


H6GLB02K0B


H6GLR02K0R


H6GLY02K0Y


H6GLU02K0U

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Grey** | | |
| RJ45 patchcord Cat.6A shielded PVC, grey, 0.5 m | | H6GLG00K5G |
| Patchcord RJ45 shielded Cat.6, PVC, grey, 1.0m | | H6GLG01K0G |
| Patchcord RJ45 shielded Cat.6, PVC, grey, 2.0m | | H6GLG02K0G |
| Patchcord RJ45 shielded Cat.6, PVC, grey, 3.0m | | H6GLG03K0G |
| Patchcord RJ45 shielded Cat.6, PVC, grey, 5.0m | | H6GLG05K0G |
| Patchcord RJ45 shielded Cat.6, PVC, grey, 7.0m | | H6GLG07K0G |
| Patchcord RJ45 shielded Cat.6, PVC, grey, 10.0m | | H6GLG10K0G |
| Patchcord RJ45 shielded Cat.6, PVC, grey, 15.0m | | H6GLG15K0G |
| Patchcord RJ45 shielded Cat.6, PVC, grey, 20.0m | | H6GLG20K0G |
| **Blue** | | |
| RJ45 patchcord Cat.6A shielded PVC, blue, 0.5 m | | H6GLB00K5B |
| Patchcord RJ45 shielded Cat.6, PVC, blue, 1.0m | | H6GLB01K0B |
| Patchcord RJ45 shielded Cat.6, PVC, blue, 2.0m | | H6GLB02K0B |
| Patchcord RJ45 shielded Cat.6, PVC, blue, 3.0m | | H6GLB03K0B |
| Patchcord RJ45 shielded Cat.6, PVC, blue, 5.0m | | H6GLB05K0B |
| Patchcord RJ45 shielded Cat.6, PVC, blue, 10.0m | | H6GLB10K0B |
| **Red** | | |
| RJ45 patchcord Cat.6A shielded PVC, red, 0.5 m | | H6GLR00K5R |
| Patchcord RJ45 shielded Cat.6, PVC, red, 1.0m | | H6GLR01K0R |
| Patchcord RJ45 shielded Cat.6, PVC, red, 2.0m | | H6GLR02K0R |
| Patchcord RJ45 shielded Cat.6, PVC, red, 3.0m | | H6GLR03K0R |
| Patchcord RJ45 shielded Cat.6, PVC, red, 5.0m | | H6GLR05K0R |
| Patchcord RJ45 shielded Cat.6, PVC, red, 10.0m | | H6GLR10K0R |
| **Yellow** | | |
| Patchcord RJ45 shielded Cat.6, PVC, yellow, 0.5m | | H6GLY00K5Y |
| Patchcord RJ45 shielded Cat.6, PVC, yellow, 1.0m | | H6GLY01K0Y |
| Patchcord RJ45 shielded Cat.6, PVC, yellow, 2.0m | | H6GLY02K0Y |
| Patchcord RJ45 shielded Cat.6, PVC, yellow, 3.0m | | H6GLY03K0Y |
| Patchcord RJ45 shielded Cat.6, PVC, yellow, 5.0m | | H6GLY05K0Y |
| Patchcord RJ45 shielded Cat.6, PVC, yellow, 10.0m | | H6GLY10K0Y |
| **Green** | | |
| Patchcord RJ45 shielded Cat.6, PVC, green, 0.5m | | H6GLU00K5U |
| Patchcord RJ45 shielded Cat.6, PVC, green, 1.0m | | H6GLU01K0U |
| Patchcord RJ45 shielded Cat.6, PVC, green, 2.0m | | H6GLU02K0U |
| Patchcord RJ45 shielded Cat.6, PVC, green, 3.0m | | H6GLU03K0U |
| Patchcord RJ45 shielded Cat.6, PVC, green, 5.0m | | H6GLU05K0U |
| Patchcord RJ45 shielded Cat.6, PVC, green, 10.0m | | H6GLU10K0U |

## Patchcords RJ45 Shielded Cat.5e


H5GLG02K0G


H5GLG02K0G


H5GLB02K0B


H5GLR02K0R


H5GLY02K0Y


H5GLU02K0U

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Grey** | | |
| Patchcord RJ45 shielded Cat.5e, PVC, grey, 0.5m | | H5GLG00K5G |
| Patchcord RJ45 shielded Cat.5e, PVC, grey, 1.0m | | H5GLG01K0G |
| Patchcord RJ45 shielded Cat.5e, PVC, grey, 2.0m | | H5GLG02K0G |
| Patchcord RJ45 shielded Cat.5e, PVC, grey, 3.0m | | H5GLG03K0G |
| Patchcord RJ45 shielded Cat.5e, PVC, grey, 5.0m | | H5GLG05K0G |
| Patchcord RJ45 shielded Cat.5e, PVC, grey, 7.0m | | H5GLG07K0G |
| Patchcord RJ45 shielded Cat.5e, PVC, grey, 10.0m | | H5GLG10K0G |
| Patchcord RJ45 shielded Cat.5e, PVC, grey, 15.0m | | H5GLG15K0G |
| Patchcord RJ45 shielded Cat.5e, PVC, grey, 20.0m | | H5GLG20K0G |
| **Blue** | | |
| Patchcord RJ45 shielded Cat.5e, PVC, blue, 0.5m | | H5GLB00K5B |
| Patchcord RJ45 shielded Cat.5e, PVC, blue, 1.0m | | H5GLB01K0B |
| Patchcord RJ45 shielded Cat.5e, PVC, blue, 2.0m | | H5GLB02K0B |
| Patchcord RJ45 shielded Cat.5e, PVC, blue, 3.0m | | H5GLB03K0B |
| Patchcord RJ45 shielded Cat.5e, PVC, blue, 5.0m | | H5GLB05K0B |
| Patchcord RJ45 shielded Cat.5e, PVC, blue, 7.0m | | H5GLB07K0B |
| Patchcord RJ45 shielded Cat.5e, PVC, blue, 10.0m | | H5GLB10K0B |
| **Red** | | |
| Patchcord RJ45 shielded Cat.5e, PVC, red, 0.5m | | H5GLR00K5R |
| Patchcord RJ45 shielded Cat.5e, PVC, red, 1.0m | | H5GLR01K0R |
| Patchcord RJ45 shielded Cat.5e, PVC, red, 2.0m | | H5GLR02K0R |
| Patchcord RJ45 shielded Cat.5e, PVC, red, 3.0m | | H5GLR03K0R |
| Patchcord RJ45 shielded Cat.5e, PVC, red, 5.0m | | H5GLR05K0R |
| Patchcord RJ45 shielded Cat.5e, PVC, red, 7.0m | | H5GLR07K0R |
| Patchcord RJ45 shielded Cat.5e, PVC, red, 10.0m | | H5GLR10K0R |
| **Yellow** | | |
| Patchcord RJ45 shielded Cat.5e, PVC, yellow, 0.5m | | H5GLY00K5Y |
| Patchcord RJ45 shielded Cat.5e, PVC, yellow, 1.0m | | H5GLY01K0Y |
| Patchcord RJ45 shielded Cat.5e, PVC, yellow, 2.0m | | H5GLY02K0Y |
| Patchcord RJ45 shielded Cat.5e, PVC, yellow, 3.0m | | H5GLY03K0Y |
| Patchcord RJ45 shielded Cat.5e, PVC, yellow, 5.0m | | H5GLY05K0Y |
| Patchcord RJ45 shielded Cat.5e, PVC, yellow, 7.0m | | H5GLY07K0Y |
| Patchcord RJ45 shielded Cat.5e, PVC, yellow, 10.0m | | H5GLY10K0Y |
| **Green** | | |
| Patchcord RJ45 shielded Cat.5e, PVC, green, 0.5m | | H5GLU00K5U |
| Patchcord RJ45 shielded Cat.5e, PVC, green, 1.0m | | H5GLU01K0U |
| Patchcord RJ45 shielded Cat.5e, PVC, green, 2.0m | | H5GLU02K0U |
| Patchcord RJ45 shielded Cat.5e, PVC, green, 3.0m | | H5GLU03K0U |
| Patchcord RJ45 shielded Cat.5e, PVC, green, 5.0m | | H5GLU05K0U |
| Patchcord RJ45 shielded Cat.5e, PVC, green, 7.0m | | H5GLU07K0U |
| Patchcord RJ45 shielded Cat.5e, PVC, green, 10.0m | | H5GLU10K0U |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## LED Patchcords RJ45 Unshielded Cat.6


H6USG02K0G


H6USG02K0G

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Grey** | | |
| LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 0.5m | | **H6USG00K5G** |
| LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 1.0m | | **H6USG01K0G** |
| LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 2.0m | | **H6USG02K0G** |
| LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 3.0m | | **H6USG03K0G** |
| LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 5.0m | | **H6USG05K0G** |
| LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 7.0m | | H6USG07K0G |
| LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 10.0m | | **H6USG10K0G** |
| LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 15.0m | | H6USG15K0G |
| LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 20.0m | | **H6USG20K0G** |
| LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 25.0m | | **H6USG25K0G** |
| LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 30.0m | | **H6USG30K0G** |

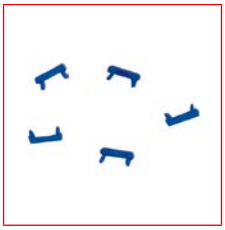
## Patchfinder Light Injector for LED Patchcords

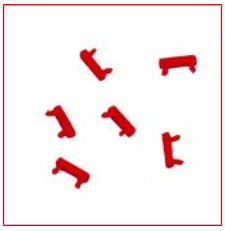

HLEDTOOL1-

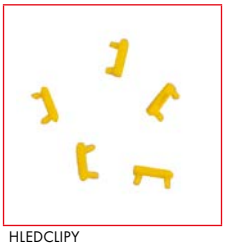

HLEDTOOL

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchfinder Light Injector for LED patchcords | | **HLEDTOOL** |
| LED Detector Pro for LED patchcords, with rechargeable battery and USB charging cable | | **HLEDTOOL1** |

## Colored Marking Clips for LED Patchcords


HLEDCLIPB


HLEDCLIPR


HLEDCLIPY

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Marking clip for color coding for LED patchcord, blue, 100 pcs. | | **HLEDCLIPB** |
| Marking clip for color coding for LED patchcord, red, 100 pcs. | | **HLEDCLIPR** |
| Marking clip for color coding for LED patchcord, yellow, 100 pcs. | | **HLEDCLIPY** |
| Marking clip for color coding for LED patchcord, green, 100 pcs. | | **HLEDCLIPU** |

## Patchcords RJ45 Unshielded Cat.6


H6ULG02K0G


H6ULG02K0G


H6ULB02K0B


H6ULR02K0R


H6ULY02K0Y


H6ULU02K0U

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Grey** | | |
| Patchcord RJ45 unshielded Cat.6, PVC, grey, 0.5m | | H6ULG00K5G |
| Patchcord RJ45 unshielded Cat.6, PVC, grey, 1.0m | | H6ULG01K0G |
| Patchcord RJ45 unshielded Cat.6, PVC, grey, 2.0m | | H6ULG02K0G |
| Patchcord RJ45 unshielded Cat.6, PVC, grey, 3.0m | | H6ULG03K0G |
| Patchcord RJ45 unshielded Cat.6, PVC, grey, 5.0m | | H6ULG05K0G |
| Patchcord RJ45 unshielded Cat.6, PVC, grey, 7.0m | | H6ULG07K0G |
| Patchcord RJ45 unshielded Cat.6, PVC, grey, 10.0m | | H6ULG10K0G |
| Patchcord RJ45 unshielded Cat.6, PVC, grey, 15.0m | | H6ULG15K0G |
| Patchcord RJ45 unshielded Cat.6, PVC, grey, 20.0m | | H6ULG20K0G |
| **Blue** | | |
| Patchcord RJ45 unshielded Cat.6, PVC, blue, 1.0m | | H6ULB01K0B |
| Patchcord RJ45 unshielded Cat.6, PVC, blue, 2.0m | | H6ULB02K0B |
| Patchcord RJ45 unshielded Cat.6, PVC, blue, 3.0m | | H6ULB03K0B |
| Patchcord RJ45 unshielded Cat.6, PVC, blue, 5.0m | | H6ULB05K0B |
| Patchcord RJ45 unshielded Cat.6, PVC, blue, 10.0m | | H6ULB10K0B |
| **Red** | | |
| Patchcord RJ45 unshielded Cat.6, PVC, red, 1.0m | | H6ULR01K0R |
| Patchcord RJ45 unshielded Cat.6, PVC, red, 2.0m | | H6ULR02K0R |
| Patchcord RJ45 unshielded Cat.6, PVC, red, 3.0m | | H6ULR03K0R |
| Patchcord RJ45 unshielded Cat.6, PVC, red, 5.0m | | H6ULR05K0R |
| Patchcord RJ45 unshielded Cat.6, PVC, red, 10.0m | | H6ULR10K0R |
| **Yellow** | | |
| Patchcord RJ45 unshielded Cat.6, PVC, yellow, 1.0m | | H6ULY01K0Y |
| Patchcord RJ45 unshielded Cat.6, PVC, yellow, 2.0m | | H6ULY02K0Y |
| Patchcord RJ45 unshielded Cat.6, PVC, yellow, 3.0m | | H6ULY03K0Y |
| Patchcord RJ45 unshielded Cat.6, PVC, yellow, 5.0m | | H6ULY05K0Y |
| Patchcord RJ45 unshielded Cat.6, PVC, yellow, 10.0m | | H6ULY10K0Y |
| **Green** | | |
| Patchcord RJ45 unshielded Cat.6, PVC, green, 1.0m | | H6ULU01K0U |
| Patchcord RJ45 unshielded Cat.6, PVC, green, 2.0m | | H6ULU02K0U |
| Patchcord RJ45 unshielded Cat.6, PVC, green, 3.0m | | H6ULU03K0U |
| Patchcord RJ45 unshielded Cat.6, PVC, green, 5.0m | | H6ULU05K0U |
| Patchcord RJ45 unshielded Cat.6, PVC, green, 10.0m | | H6ULU10K0U |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Patchcords RJ45 Unshielded Cat.5e


H5ULG02K0G


H5ULG02K0G


H5ULB02K0B


H5ULR02K0R


H5ULY02K0Y


H5ULU02K0U

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Grey** | | |
| Patchcord RJ45 unshielded Cat.5e, PVC, grey, 0.5m | | H5ULG00K5G |
| Patchcord RJ45 unshielded Cat.5e, PVC, grey, 1.0m | | H5ULG01K0G |
| Patchcord RJ45 unshielded Cat.5e, PVC, grey, 2.0m | | H5ULG02K0G |
| Patchcord RJ45 unshielded Cat.5e, PVC, grey, 3.0m | | H5ULG03K0G |
| Patchcord RJ45 unshielded Cat.5e, PVC, grey, 5.0m | | H5ULG05K0G |
| Patchcord RJ45 unshielded Cat.5e, PVC, grey, 7.0m | | H5ULG07K0G |
| Patchcord RJ45 unshielded Cat.5e, PVC, grey, 10.0m | | H5ULG10K0G |
| Patchcord RJ45 unshielded Cat.5e, PVC, grey, 15.0m | | H5ULG15K0G |
| Patchcord RJ45 unshielded Cat.5e, PVC, grey, 20.0m | | H5ULG20K0G |
| **Blue** | | |
| Patchcord RJ45 unshielded Cat.5e, PVC, blue, 0.5m | | H5ULB00K5B |
| Patchcord RJ45 unshielded Cat.5e, PVC, blue, 1.0m | | H5ULB01K0B |
| Patchcord RJ45 unshielded Cat.5e, PVC, blue, 2.0m | | H5ULB02K0B |
| Patchcord RJ45 unshielded Cat.5e, PVC, blue, 3.0m | | H5ULB03K0B |
| Patchcord RJ45 unshielded Cat.5e, PVC, blue, 5.0m | | H5ULB05K0B |
| Patchcord RJ45 unshielded Cat.5e, PVC, blue, 10.0m | | H5ULB10K0B |
| **Red** | | |
| Patchcord RJ45 unshielded Cat.5e, PVC, red, 0.5m | | H5ULR00K5R |
| Patchcord RJ45 unshielded Cat.5e, PVC, red, 1.0m | | H5ULR01K0R |
| Patchcord RJ45 unshielded Cat.5e, PVC, red, 2.0m | | H5ULR02K0R |
| Patchcord RJ45 unshielded Cat.5e, PVC, red, 3.0m | | H5ULR03K0R |
| Patchcord RJ45 unshielded Cat.5e, PVC, red, 5.0m | | H5ULR05K0R |
| Patchcord RJ45 unshielded Cat.5e, PVC, red, 10.0m | | H5ULR10K0R |
| **Yellow** | | |
| Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 0.5m | | H5ULY00K5Y |
| Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 1.0m | | H5ULY01K0Y |
| Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 2.0m | | H5ULY02K0Y |
| Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 3.0m | | H5ULY03K0Y |
| Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 5.0m | | H5ULY05K0Y |
| Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 10.0m | | H5ULY10K0Y |
| **Green** | | |
| Patchcord RJ45 unshielded Cat.5e, PVC, green, 0.5m | | H5ULU00K5U |
| Patchcord RJ45 unshielded Cat.5e, PVC, green, 1.0m | | H5ULU01K0U |
| Patchcord RJ45 unshielded Cat.5e, PVC, green, 2.0m | | H5ULU02K0U |
| Patchcord RJ45 unshielded Cat.5e, PVC, green, 3.0m | | H5ULU03K0U |
| Patchcord RJ45 unshielded Cat.5e, PVC, green, 5.0m | | H5ULU05K0U |
| Patchcord RJ45 unshielded Cat.5e, PVC, green, 10.0m | | H5ULU10K0U |

# Patchcords

## Coax Patchcords 2x F-Quick straight, Series S


HS4HC00K5


HS4HC00K5

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| S4H Coax Patchcord, 2xF-Quick straight, >90dB, ClassA, white, 0.5m | | **HS4HC00K5** |
| S4H Coax Patchcord, 2xF-Quick straight, >90dB, ClassA, white, 1.0m | | **HS4HC01K0** |
| S4H Coax Patchcord, 2xF-Quick straight, >90dB, ClassA, white, 1.5m | | **HS4HC01K5** |
| S4H Coax Patchcord, 2xF-Quick straight, >90dB, ClassA, white, 2.5m | | **HS4HC02K5** |
| S4H Coax Patchcord, 2xF-Quick straight, >90dB, ClassA, white, 3.5m | | **HS4HC03K5** |
| S4H Coax Patchcord, 2xF-Quick straight, >90dB, ClassA, white, 5.0m | | **HS4HC05K0** |

## Coax Patchcords 2x F-Quick straight, Series A


HSATPQG1K5

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| SAT Coax Patchcord 2xF-Quick straight, ClassA, white, 1.5m,SAK 151-00 | | **HSATPQG1K5** |
| SAT Coax Patchcord 2xF-Quick straight, ClassA, white, 2.5m,SAK 251-00 | | **HSATPQG2K5** |
| SAT Coax Patchcord 2xF-Quick straight, ClassA, white, 5.0m,SAK 501-00 | | **HSATPQG5K0** |
| SAT Coax Patchcord 2xF-Quick straight, ClassA, white, 10.0m,SAK 991-00 | | **HSATPQGXK0** |

## Coax Patchcord 2x F-Plug screwed, Series A


HSATPSG0K2

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| SAT Coax Patchcord 2 x F-Plug screwed, straight, ClassA, 0.2m, MAK 20-80 | | **HSATPSG0K2** |
| SAT Coax Patchcord 2 x F-Plug screwed, straight, ClassA, 0.5m, MAK 50-80 | | HSATPSG0K5 |

## Coax Patchcords 2x IEC straight, Series A


HSBKPIG1K5

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| BK Coax Patchcord IEC-Male / IEC-Female, straight, ClassA, white, 1.5m, BAK 150-90 | | **HSBKPIG1K5** |
| BK Coax Patchcord IEC-Male / IEC-Female, straight, ClassA, white, 2.5m, BAK 250-90 | | **HSBKPIG2K5** |
| BK Coax Patchcord IEC-Male / IEC-Female, straight, ClassA, white, 5.0m, BAK 500-90 | | **HSBKPIG5K0** |

## Coax Patchcords 2x IEC Angled, Series A


HSBKPIW1K5

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| BK Coax Patchcord IEC-Male / IEC-Female, angled, ClassA, white, 1.5m ,BAK 153-00 | | **HSBKPIW1K5** |
| BK Coax Patchcord IEC-Male / IEC-Female, angled, ClassA, white, 2.5m, BAK 253-00 | | **HSBKPIW2K5** |
| BK Coax Patchcord IEC-Male / IEC-Female, angled, ClassA, white, 5.0m, BAK 503-00 | | **HSBKPIW5K0** |
| BK Coax Patchcord IEC-Male / IEC-Female, angled, ClassA, white, 10.0m, BAK 993-00 | | **HSBKPIWXK0** |

## Coax Window Leading



HSATPFD

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| SAT Window leading, printed circuit membrane transparent, 2x F-female, 25cm, SAK 25-01 | | **HSATPFD** |

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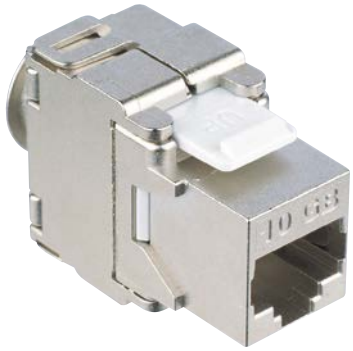
## TOOLLESS LINE Jacks RJ45 (SFA & SFB)



## Data Outlets



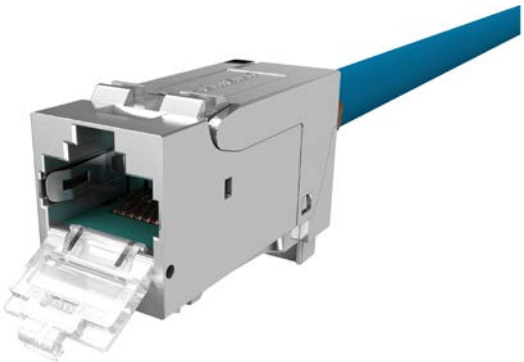
## Patchpanels



## Patchpanel Desktop



## PERFORMANCE LINE Jacks RJ45 Cat.$6_A$



## DE-EMBEDDED-LINE Data Outlet RJ45



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# Network Technology - Copper

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## TOOLLESS LINE Cat.6$_A$, Cat.6, Cat.5e - STP & UTP System Modular

### TOOLLESS LINE Jacks RJ45 Shielded Cat.6$_A$ 10GB / Class E$_A$ 10GB in Schrack Format A (SFA)



HSEMRJ6GWA



HSEMRJ6GWA



HSEMRJ6GWT

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TOOLLESS LINE Jack RJ45 shielded Cat.6$_A$ 10GB 4PPoE (100W) (SFA) | | **HSEMRJ6GWA** |
| TOOLLESS LINE Jack RJ45 shielded, Class E$_A$ 10GB 4PPoE 100W (SFA) | | **HSEMRJ6GWT** |
| TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, white | | **HSEMRJZSKW** |
| TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, blue | | **HSEMRJZSKB** |
| TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, red | | **HSEMRJZSKR** |
| TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, yellow | | **HSEMRJZSKY** |
| TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, green | | **HSEMRJZSKU** |
| TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, black | | **HSEMRJZSKS** |

### TOOLLESS LINE Jack RJ45 Shielded Cat.6$_A$ 10GB in Schrack Format B (SFB)



HSEMRJ6GBA



HSEMRJ6GBA

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TOOLLESS LINE RJ45 connector Cat.6$_A$ shielded 10GB 4PPoE 100W (SFB) | | **HSEMRJ6GBA** |

### TOOLLESS LINE Jack RJ45 Shielded Cat.6 in Schrack Format A (SFA)



HSEMRJ6GWS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TOOLLESS LINE Jack RJ45 shielded, Cat.6 (SFA) | | **HSEMRJ6GWS** |

## TOOLLESS LINE Jack RJ45 Shielded Cat.6 in Schrack Format B (SFB)



HSEMRJ6GBS



HSEMRJ6GBS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TOOLLESS LINE RJ45 connector Cat.6 shielded (SFB) | | **HSEMRJ6GBS** |

## TOOLLESS LINE Jack RJ45 Shielded Cat.5e in Schrack Format A (SFA)



HSEMRJ5GWS



HSEMRJ5GWS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TOOLLESS LINE Jack RJ45 shielded, Cat.5e (SFA) | | **HSEMRJ5GWS** |

## TOOLLESS LINE Jack RJ45 Unshielded Cat.6 in Schrack Format A (SFA)



HSEMRJ6UWS



HSEMRJ6UWS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TOOLLESS LINE Jack RJ45 unshielded, Cat.6 (SFA) | | **HSEMRJ6UWS** |

## TOOLLESS LINE Jack RJ45 Unshielded Cat.5e in Schrack Format A (SFA)



HSEMRJ5UWS



HSEMRJ5UWS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TOOLLESS LINE Jack RJ45 unshielded, Cat.5e (SFA) | | **HSEMRJ5UWS** |

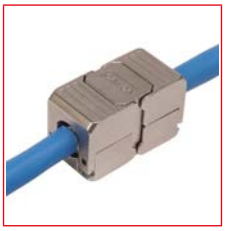
## Dustcovers for RJ45 Jack



HM5LFDUS07

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Dust cover for RJ45-jack, grey | | **HM5LFDUS07** |

## TOOLLESS LINE RePair-Kit/Extender Shielded Cat.$6_A$ for Installationcable



HCAT6AREPT

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TOOLLESS LINE Repair-Kit/Extender of installation cables Cat.$6_A$ 10GB 4PPoE (100W) for AWG26 - AWG22, Short-version | | **HCAT6AREPT** |

## Coupler RJ45 Shielded Class $E_A$ 10GB in Schrack Format A (SFA)




HSEMRKRGWS



HSEMRKRGWS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Adaptor coupling RJ45 Class $E_A$ shielded 10GB (SFA) | | **HSEMRKRGWS** |

## Coupler Coax F-Type in Schrack Format A (SFA)



HSEMRKFFWS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Coax Coupler F-female to F-female (SFA) | | HSEMRKFFWS |

## Couplers HDMI and USB



HSEMRHDMWS



HSEMRU3AWS



Q7AH0005

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| TOOLLESS LINE HDMI Coupler White, HDMI A female - HDMI A female | | HSEMRHDMWS |
| TOOLLESS LINE USB 3.0 A-A Coupler White | | HSEMRU3AWS |
| HDMI Adapter 90°, HDMI A male - HDMI A female | | Q7AH0005 |

## Couplers Fiber Optics in Schrack Format A (SFA)



HSEMRLLLWS



HMOL000103



HMOL000104

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| FO coupler empty for LC-Duplex/SC-Simplex (SFA) | | HSEMRLLLWS |
| FO Coupler LC-Duplex, Multimode, phosphor-bronze, without flange, grey | | HMOL000103 |
| FO Coupler LC-Duplex, Singlemode, zirconia, without flange, blue | | HMOL000104 |
| FO Coupler SC-Simplex, Plastic, Multimode, phosphor-bronze, flange, grey | | HMOL000058 |
| FO Coupler SC-Simplex, Plastic, Singlemode, zirconia, flange, blue | | HMOL000055 |
| FO Coupler SC/APC-Simplex, Singlemode, w/o flange, green, ECO | | HMOL000107 |

## Data Outlets 80x80mm Empty for Schrack Format A (SFA) and Schrack Format B (SFB)


HSED01UW2S


HSED02UW2S


HSED03UW2S


HSED02UW1S


HSEDZBES


HSEAP842WF

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Data Outlet 80x80mm empty for 1 module (SFA)(SFB), angled, RAL9010 pure white | | **HSED01UW2S** |
| Data Outlet 80x80mm empty for 2 modules (SFA)(SFB), angled, RAL9010 pure white | | **HSED02UW2S** |
| Data Outlet 80x80mm empty for 3 modules (SFA)(SFB), angled, RAL9010 pure white | | **HSED03UW2S** |
| Data Outlet 80x80mm empty for 2 modules (SFA)(SFB), straight, RAL9010 pure white | | **HSED02UW1S** |
| Paper, window and screws for HSED0xUWyS | | **HSEDZBES** |
| Wallmount Box for HSED0xUWxS, HSEDx2UWxF, W80xH40xD80mm, RAL9010 pure white | | **HSEAP842WF** |

## Data Outlet 80x80mm Empty for Schrack Schrack Format B (SFB), UAE-centralplate


HSED02UWBS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Data Outlet 80x80mm empty for 2 modules (SFB), angled, RAL9010 pure white, UAE centralplate, Design switch-programme compatible | | **HSED02UWBS** |
| Paper, window and screws for HSED0xUWyS | | **HSEDZBES** |
| Wallmount Box for HSED0xUWxS, HSEDx2UWxF, W80xH40xD80mm, RAL9010 pure white | | **HSEAP842WF** |

## Data Outlets Wallmount Empty for Schrack Format A (SFA) and Schrack Format B (SFB)


HSED01AW3S


HSED02AW3S


HSED04AW3S


HSED06AW3S

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Wallmount Data Outlet empty for 1 module (SFA)(SFB), W46xH30xD65mm, RAL9010 pure white | | HSED01AW3S |
| Wallmount Data Outlet empty for 2 modules (SFA)(SFB), W68xH30xD65mm, RAL9010 pure white | | HSED02AW3S |
| Wallmount Data Outlet empty for 4 modules (SFA)(SFB), W118xH30xD85mm, RAL9010 pure white | | HSED04AW3S |
| Wallmount Data Outlet empty for 6 modules (SFA)(SFB), W173xH30xD85mm, RAL9010 pure white | | HSED06AW3S |

## Data Outlet Wallmount Empty 12 Port for RJ45-modules Schrack Format A (SFA)


HSED12AW3S

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Wallmount Data Outlet empty for 12 modules (SFA), W172xH38xD122mm, RAL9010 pure white | | HSED12AW3S |

## Data Outlets 45x45mm Empty for Schrack Format A (SFA) and Schrack Format B (SFB)


HSEMD02W2F


HSEMD01W1F

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Centralplate for 2 modules (SFA)(SFB), 45x45mm, angled, RAL9010 | | HSEMD02W2F |
| Centralplate for 1 module, 45x22,5mm, straight, RAL9010 | | HSEMD01W1F |
| Blindcover 45x22,5mm, RAL9010 | | HSEMDZ1W1F |
| Frame Single 80x80mm for centralplate 45x45mm, RAL9010 | | HSEMDR2W0F |
| Frame Double 80x148mm for centralplates 45x45mm, RAL9010 | | HSEMDR4W0F |
| Frame Triple 80x205mm for centralplates 45x45mm, RAL9010 | | HSEMDR6W0F |
| Wallmount Box for HSED0xUWxS, HSEDx2UWxF, W80xH40xD80mm, RAL9010 pure white | | HSEAP842WF |
| Wallmount-Box W148 x H45 x D80mm for HSEMDR4W0F, RAL9010 | | HSEMAP4W3F |
| Wallmount-Box W204 x H45 x D80mm for HSEMDR6W0F, RAL9010 | | HSEMAP6W3F |
| DIN-rail adapter for 45x45 centralplates | | HSEMHUT001 |



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## IP44 Data Outlets Wallmount Box Empty for Schrack Format A (SFA) and Schrack Format B (SFB)


HSEIP44APT


HSEIP44AKT


HSEIP44AUT

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| IP44 Wallmount Box empty, lockable, 90x90x90mm, RAL7035, light grey | | **HSEIP44APT** |
| IP44 cable gland M25 for 2 cables 3 - 8mm | | **HSEIP44AKT** |
| IP44 Adapter empty for 2 modules (SFA)(SFB) | | **HSEIP44AUT** |

## IP44 Data Outlets Flushmount Box Empty for Schrack Format A (SFA) and Schrack Format B (SFB)


HSEIP44UPT


HSEIP44UDT


HSEIP44AUT

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| IP44 Flushmount cover empty, lockable, 90x35x90mm, RAL7035 light grey | | **HSEIP44UPT** |
| IP44 Flushmount box for flushmount cover HSEIP44UPT | | **HSEIP44UDT** |
| IP44 Adapter empty for 2 modules (SFA)(SFB) | | **HSEIP44AUT** |

## IP44/IP20 closed/open Data Outlets Wallmount Box Empty for Schrack Format A (SFA) and Schrack Format B (SFB)


HSEIP44AP

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| IP44/IP20 open/closed Wallmount Box empty for 2 modules (SFA)(SFB) W76xH58xD88mm, black/grey | | **HSEIP44AP** |

## DIN-Rail Adapter Empty for Schrack Format A (SFA) and Schrack Format B (SFB)


HSERH010GS


HSERH010GS


HSERH010GS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DIN rail adaptor empty for 1 module (SFA)(SFB) | | **HSERH010GS** |

## Patchpanels 19" Empty for Schrack Format A (SFA) and Schrack Format B (SFB)


HSER0240GS


HSER0480GS

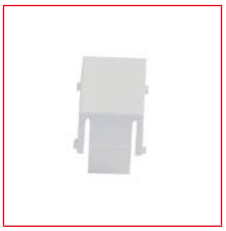

HSEMRZ01WF

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchpanel 19" empty for 24 modules (SFA)(SFB), 1RU, RAL7035 light grey, patchcord nose snap at bottom | | **HSER0240GS** |
| Patchpanel 19" empty for 48 modules (SFA)(SFB), 2U, RAL7035, lightgrey, patchcord lock down | | **HSER0480GS** |
| Blind cover for unused patchpanel ports, RAL9010 | | **HSEMRZ01WF** |

## Patchpanels 19" Empty for Schrack Format A (SFA) and Schrack Format B (SFB), One-piece Design


HSER0240GP


HSER0240SP


HSEMRZ01WF


HSER0240GV

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchpanel 19" empty for 24 modules (SFA)(SFB), 1U, RAL7035 lightgrey, single-piece design, patchcord lock down | | HSER0240GP |
| Patchpanel 19" empty for 24 modules (SFA)(SFB), 1U, RAL9005 black, single-piece design, patchcord lock down | | HSER0240SP |
| Patchpanel 19" empty for 24 modules (SFA)(SFB), 1U, RAL7035 lightgrey, single-piece design, patchcord lock top | | HSER0240GV |
| Blind cover for unused patchpanel ports, RAL9010 | | HSEMRZ01WF |

## Patchpanels 19" Empty for Schrack Format A (SFA) and Schrack Format B (SFB), One-piece Design, incl. Labeling Fields


HSER0240GZ

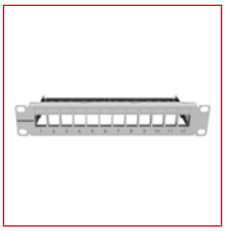
| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchpanel 19" empty for 24 modules (SFA)(SFB), 1U, with labeling fields, RAL7035 lightgrey, single-piece design, patchcord lock top | | HSER0240GZ |

## Patchpanels High Density 19" Empty for Schrack Format B (SFB)

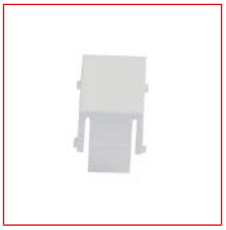

HSER0480SB

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchpanel 19" empty for 48 modules (SFB), 1U, stainless steel, High Density | | HSER0480SB |
| Blind cover for unused patchpanel ports, RAL9010 | | HSEMRZ01WF |

## Patchpanel 10" Empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSER0120GS



HSEMRZ01WF

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchpanel 10" empty for 12 modules (SFA)(SFB), 1U, RAL7035, lightgrey, patchcord lock down | | HSER0120GS |
| Blind cover for unused patchpanel ports, RAL9010 | | HSEMRZ01WF |

## Patchpanel Desktop Empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSER0080GV



HSERHUTADA

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchpanel Desktop empty for 8 modules (SFA)(SFB), RAL7035 lightgrey | | HSER0080GV |
| DIN-rail mounting clips (2 pieces) for HSERG086GV/HSER0080GV | | HSERHUTADA |

## Tools



HTOOL00002



HTOOL00003



HTOOL00004

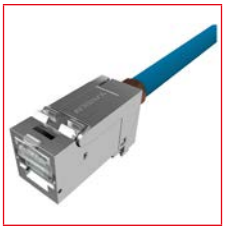
| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Side cutter flat for wire up to 1.3mm diameter | | HTOOL00002 |
| Side cutter flat for wire up to 1.0mm diameter | | HTOOL00003 |
| Cable Stripper for Jacket of Installationcables | | HTOOL00004 |
| Cable Stripper for Jacket and Foil of Installationcables | | HTOOL00005 |

## PERFORMANCE LINE Cat.$6_A$ System Modular

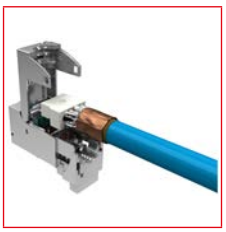
### PERFORMANCE LINE Jacks RJ45 Shielded Cat.$6_A$ in Schrack Format B (SFB)



HSPMRJ6G1A



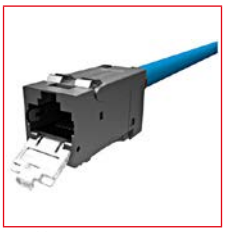
HSPMRJ6G1A



HSPMRJ6G1A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| PERFORMANCE LINE Jack RJ45 shielded, Cat.$6_A$ 10GB 4PPoE 100W (SFB) | | **HSPMRJ6G1A** |
| PERFORMANCE LINE Jack RJ45 shielded, Cat.$6_A$ 10GB 4PPoE 100W (SFB), 24 pieces | | **HSPMRJ6G2A** |

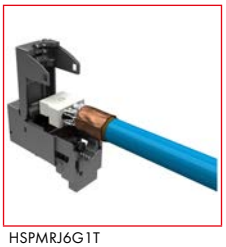
### PERFORMANCE LINE Jacks RJ45 Shielded Class $E_A$ in Schrack Format B (SFB)



HSPMRJ6G1T



HSPMRJ6G1T



HSPMRJ6G1T

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| PERFORMANCE LINE Jack RJ45 shielded, Class $E_A$ 10GB PoE+ (SFB) | | **HSPMRJ6G1T** |
| PERFORMANCE LINE Jack RJ45 shielded, Class $E_A$ 10GB PoE+ (SFB), 24 pieces | | **HSPMRJ6G2T** |

## Tools


HSPTOOL1


HTOOL00002


HTOOL00003



HTOOL00004


HTOOL00005

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Parallel Plier for closing of RJ45 jacks HSP | | **HSPTOOL1** |
| Side cutter flat for wire up to 1.3mm diameter | | **HTOOL00002** |
| Side cutter flat for wire up to 1.0mm diameter | | **HTOOL00003** |
| Cable Stripper for Jacket of Installationcables | | **HTOOL00004** |
| Cable Stripper for Jacket and Foil of Installationcables | | **HTOOL00005** |



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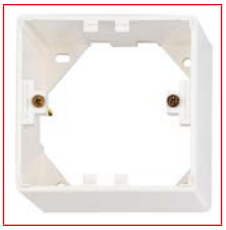
## DE-EMBEDDED-LINE Cat.6, Cat.5e - STP & UTP System LSA

### DE-EMBEDDED-LINE Data Outlet RJ45 Shielded Cat.6, UAE-Centralplate



HSEDG2UW6V



HSEAP840WV

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DE-EMBEDDED LINE Data Outlet 2xRJ45 shielded Cat.6, UAE, 80x80mm, angled, RAL9010 pure white, UAE centralplate, Design switch-programme compatible | | **HSEDG2UW6V** |
| Wallmount Box for HSEDx2UWxV, W=80 x H=40 x D=80mm, RAL9010 pure white | | **HSEAP840WV** |

### Data Outlet RJ45 Shielded Cat.5e



HSEDG2UW5F



HSEAP842WF

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Data Outlet 2xRJ45 shielded Cat.5e, 80x80mm, angled, RAL9010 | | **HSEDG2UW5F** |
| Wallmount Box for HSED0xUWxS, HSEDx2UWxF, W80xH40xD80mm, RAL9010 pure white | | **HSEAP842WF** |

### DE-EMBEDDED-LINE Patchpanel 19" RJ45 Shielded Cat.6



HSERG246GV

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DE-EMBEDDED LINE Patchpanel 19" 24xRJ45 shielded, Cat.6, 1U, RAL7035 light grey | | **HSERG246GV** |

### DE-EMBEDDED-LINE Patchpanel Desktop RJ45 Shielded Cat.6



HSERG086GV

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| DE-EMBEDDED LINE Patchpanel Desktop 8xRJ45 shielded, Cat.6, RAL7035 lightgrey | | **HSERG086GV** |
| DIN-rail mounting clips (2 pieces) for HSERG086GV/HSER0080GV | | **HSERHUTADA** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Patchpanel 19" RJ45 Shielded Cat.6



HSERG246GP

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchpanel 19" 24xRJ45 shielded, Cat.6, 1U, RAL7035 light grey | | **HSERG246GP** |

## Patchpanel 19" RJ45 Shielded Cat.5e



HSERG245GS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchpanel 19" 24xRJ45 shielded, Cat.5e, 1U, RAL7035 light grey | | **HSERG245GS** |

## Patchpanel 19" RJ45 Unshielded Cat.6



HSERU246GV

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchpanel 19" 24xRJ45 unshielded Cat.6, 1U, RAL7035 light grey | | **HSERU246GV** |

## Patchpanel 19" RJ45 Unshielded Cat.5e



HSERU245GF

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Patchpanel 19" 24xRJ45 unshielded Cat.5e, 1U, RAL7035 light grey | | **HSERU245GF** |

## Accessories (Tools, Connectors, RePair Kits, ...)

### Cable Dispenser



HTOOL00006

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Cable dispenser for 250kg Load for drums up to 52cm width, Roller spacing variable adjustable from 23 - 34cm | | **HTOOL00006** |

### Crimping Tools for RJ-Connector



HMOCRZKOR8

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Crimping plier universal for RJ45/12/11 jacks | | **HMOCRZKOR8** |

### Sidecutters



HTOOL00002



HTOOL00003

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Side cutter flat for wire up to 1.3mm diameter | | **HTOOL00002** |
| Side cutter flat for wire up to 1.0mm diameter | | **HTOOL00003** |

## RJ45 / RJ12 / RJ11 Connector for Crimping to Flexcable


Q7151792S7


Q7151792S6


Q7151792U6


Q7151792


HJ45LCU800


HJ1266LC

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| RJ45 plug suitable Cat.7$_A$, Cat.7, Cat.6$_A$, Cat.6 cable up to AWG23, 50 pieces | | **Q7151792S7** |
| Boot grey for shielded RJ45 plugs Q7151792S7, 50 pieces | | **Q7151792TG** |
| Crimping tool for shielded RJ45 plugs Q7151792S7 | | **Q7151792Z1** |
| Stripping tool for network cables, including cable cutter | | **Q7151792Z2** |
| RJ45 plug Cat.6 shielded including boot grey, for flexible cable with stranded wires, 100 pieces | | **Q7151792S6** |
| RJ45 plug Cat.6 unshielded including boot grey, for flexible cable with stranded wires, 100 pieces | | **Q7151792U6** |
| RJ45 plug Cat.5e shielded including boot grey, for flexible cable with stranded wires, 100 pieces | | **Q7151792** |
| RJ45 unshielded plug for crimping to flex (stranded) cable, Cat.5e | | **HJ45LCU800** |
| RJ11 Plug for crimping, unshielded 6/6, Telephony | | **HJ1266LC** |
| RJ11 Plug for crimping, unshielded 6/4, Telephony | | **HJ11L6P4LC** |
| Boot for shielded and unshielded RJ45 plugs, grey | | **HJ45TULLGR** |
| Boot for shielded and unshielded RJ45 plugs, blue | | HJ45TULLSW |
| Boot for shielded and unshielded RJ45 plugs, blue | | HJ45TULLBL |
| Boot for shielded and unshielded RJ45 plugs, yellow | | HJ45TULLGE |
| Boot for shielded and unshielded RJ45 plugs, green | | HJ45TULLGN |
| Boot for shielded and unshielded RJ45 plugs, red | | HJ45TULLRT |

## RJ45 Plugs for Crimping to Solid Wire Installation Cable


HSISR6UI3A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| RJ45 plug Cat.6$_A$ UTP, on-site installable, AWG 26/7 - 23/7, AWG 26/1 - 23/1, IP20, straight (180°) cable feed | | **HSISR6UI3A** |



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## Network Isolator RJ45 Unshielded Cat.5e / 1Gbit/s



HSEMRN5UWE

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Network Isolator RJ45 unshielded Cat.5e / 1Gbit/s (SFA) for galvanically Seperation of Data lines and Cable shielding | | HSEMRN5UWE |

## Flexcable, Flatcable by the meter



HKF02SFUGP



HMOFL4SCHW

| DESCRIPTION | COPPER WEIGHT | AVAILABLE | ORDER NO. |
|---|---|---|---|
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, grey | 21,00 | | **HKF02SFUGP** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, grey | 21,00 | | **HKF2SFUGP1** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, grey | 21,00 | | **HKF2SFUGP5** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, grey | 21,00 | | **HKF2SFUGP9** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, LS0H, grey | 21,00 | | **HKF02SFUGH** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, LS0H, grey | 21,00 | | **HKF2SFUGH1** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, LS0H, grey | 21,00 | | **HKF2SFUGH5** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, blue | 21,00 | | **HKF02SFUBP** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, blue | 21,00 | | **HKF2SFUBP1** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, blue | 21,00 | | **HKF2SFUBP5** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, yellow | 21,00 | | HKF02SFUYP |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, yellow | 21,00 | | HKF2SFUYP1 |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, yellow | 21,00 | | HKF2SFUYP5 |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, red | 21,00 | | **HKF02SFURP** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, red | 21,00 | | **HKF2SFURP1** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, red | 21,00 | | **HKF2SFURP5** |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, green | 21,00 | | HKF02SFUUP |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, green | 21,00 | | HKF2SFUUP1 |
| Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, green | 21,00 | | HKF2SFUUP5 |
| Flat cable, 4 wires, black for Telephony patchcords | | | **HMOFL4SCHW** |

## Coupler RJ45 Shielded Class $E_A$ 10GB in Schrack Format A (SFA)




HSEMRKRGWS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Adaptor coupling RJ45 Class $E_A$ shielded 10GB (SFA) | | **HSEMRKRGWS** |

## RePair-Kit Shielded Cat.6/Cat.6$_A$ for Installationcable



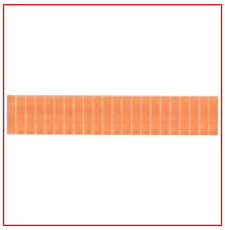
HCAT6REPKI

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Repair-Kit for connecting of installation cables, Cat.6 | | **HCAT6REPKI** |
| Repair-Kit / Extender for connecting of installation cables, Cat.6$_A$ ISO/IEC, TOOLLESS, for AWG24 - AWG22, PoE+, Slim-version | | **HCAT6AREPK** |
| TOOLLESS LINE Repair-Kit/Extender of installation cables Cat.6$_A$ 10GB 4PPoE (100W) for AWG26 - AWG22, Short-version | | **HCAT6AREPT** |



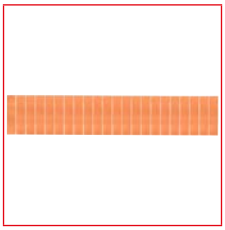
HCAT6AREPK

## Copper Strip



HSEKB0020

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Copper strip for fixing of Braid shield, 35x9mm, 20 pcs | | **HSEKB0020** |
| Copper strip for fixing of Braid shield, 35x9mm, 1.500 pcs | | HSEKB1800 |



HSEKB1800

## Back to Back Cabletie



Q7KB0416

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Back to back cable tie blue 16mm x 4m | | **Q7KB0416-B** |
| Back to back cable tie red 16mm x 4m | | **Q7KB0416-R** |
| Back to back cable tie yellow 16mm x 4m | | **Q7KB0416-Y** |
| Back to back cable tie green 16mm x 4m | | **Q7KB0416-U** |
| Back to back cable tie black 16mm x 4m | | **Q7KB0416-S** |
| Back to back cable tie black 16mm x 7,5m | | **GI199975** |

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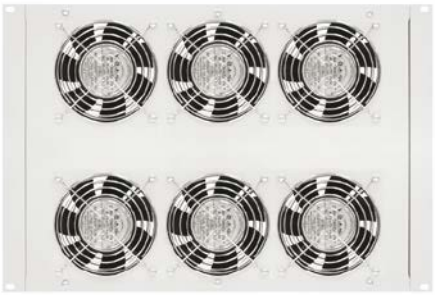
## Data Enclosures Freestanding IP30 DS



## Accessories



## Data Enclosures Wallmounting DW



## Accessories



## Data System Racks



## Accessories



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Data Enclosures

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# Data Enclosures Freestanding IP30 DS

## Data Enclosures Freestanding IP30 DS


DS428080-A


DS428080-A


DS428080-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Data Enclosures Freestanding 600 x 400mm** | | |
| Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 400mm, 19", 42U | | **DS426040-A** |
| **Data Enclosures Freestanding 600 x 600mm** | | |
| Network Enclosure Freestanding DS, W= 600 x H= 770 x D= 600mm, 19", 15U | | **DS156060-A** |
| Network Enclosure Freestanding DS, W= 600 x H= 900 x D= 600mm, 19", 18U | | **DS186060-A** |
| Network Enclosure Freestanding DS, W= 600 x H=1.080 x D= 600mm, 19", 22U | | **DS226060-A** |
| Network Enclosure Freestanding DS, W= 600 x H=1.300 x D= 600mm, 19", 27U | | **DS276060-A** |
| Network Enclosure Freestanding DS, W= 600 x H=1.525 x D= 600mm, 19", 32U | | **DS326060-A** |
| Network Enclosure Freestanding DS, W= 600 x H=1.750 x D= 600mm, 19", 37U | | **DS376060-A** |
| Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 600mm, 19", 42U | | **DS426060-A** |
| Network Enclosure Freestanding DS, W= 600 x H=2.105 x D= 600mm, 19", 45U | | **DS456060-A** |
| Network Enclosure Freestanding DS, W= 600 x H=2.195 x D= 600mm, 19", 47U | | DS476060-A |
| **Data Enclosures Freestanding 600 x 800mm** | | |
| Network Enclosure Freestanding DS, W= 600 x H= 770 x D= 800mm, 19", 15U | | DS156080-A |
| Network Enclosure Freestanding DS, W= 600 x H= 900 x D= 800mm, 19", 18U | | **DS186080-A** |
| Network Enclosure Freestanding DS, W= 600 x H=1.080 x D= 800mm, 19", 22U | | **DS226080-A** |
| Network Enclosure Freestanding DS, W= 600 x H=1.300 x D= 800mm, 19", 27U | | **DS276080-A** |
| Network Enclosure Freestanding DS, W= 600 x H=1.525 x D= 800mm, 19", 32U | | **DS326080-A** |
| Network Enclosure Freestanding DS, W= 600 x H=1.750 x D= 800mm, 19", 37U | | **DS376080-A** |
| Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 800mm, 19", 42U | | **DS426080-A** |
| Network Enclosure Freestanding DS, W= 600 x H=2.105 x D= 800mm, 19", 45U | | **DS456080-A** |
| **Data Enclosures Freestanding 600 x 900mm** | | |
| Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 900mm, 19", 42U | | DS426090-A |
| **Data Enclosures Freestanding 600 x 1000mm** | | |
| Network Enclosure Freestanding DS, W= 600 x H=1.300 x D=1.000mm, 19", 27U | | **DS276010-A** |
| Network Enclosure Freestanding DS, W= 600 x H=1.970 x D=1.000mm, 19", 42U | | **DS426010-A** |
| Network Enclosure Freestanding DS, W= 600 x H=2.105 x D=1.000mm, 19", 45U | | DS456010-A |
| **Data Enclosures Freestanding 600 x 1200mm** | | |
| Network Enclosure Freestanding DS, W= 600 x H=1.970 x D=1.200mm, 19", 42U | | DS426020-A |
| **Data Enclosures Freestanding 800 x 600mm** | | |
| Network Enclosure Freestanding DS, W= 800 x H= 900 x D= 600mm, 19", 18U | | DS188060-A |
| Network Enclosure Freestanding DS, W= 800 x H=1.080 x D= 600mm, 19", 22U | | DS228060-A |
| Network Enclosure Freestanding DS, W= 800 x H=1.300 x D= 600mm, 19", 27U | | DS278060-A |
| Network Enclosure Freestanding DS, W= 800 x H=1.525 x D= 600mm, 19", 32U | | DS328060-A |
| Network Enclosure Freestanding DS, W= 800 x H=1.750 x D= 600mm, 19", 37U | | DS378060-A |
| Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 600mm, 19", 42U | | **DS428060-A** |
| Network Enclosure Freestanding DS, W= 800 x H=2.105 x D= 600mm, 19", 45U | | DS458060-A |
| **Data Enclosures Freestanding 800 x 800mm** | | |
| Network Enclosure Freestanding DS, W= 800 x H= 900 x D= 800mm, 19", 18U | | DS188080-A |
| Network Enclosure Freestanding DS, W= 800 x H=1.080 x D= 800mm, 19", 22U | | **DS228080-A** |
| Network Enclosure Freestanding DS, W= 800 x H=1.300 x D= 800mm, 19", 27U | | **DS278080-A** |
| Network Enclosure Freestanding DS, W= 800 x H=1.525 x D= 800mm, 19", 32U | | **DS328080-A** |
| Network Enclosure Freestanding DS, W= 800 x H=1.750 x D= 800mm, 19", 37U | | **DS378080-A** |
| Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 800mm, 19", 42U | | **DS428080-A** |
| Network Enclosure Freestanding DS, W= 800 x H=2.105 x D= 800mm, 19", 45U | | **DS458080-A** |
| Network Enclosure Freestanding DS, W= 800 x H=2.195 x D= 800mm, 19", 47U | | **DS478080-A** |
| **Data Enclosures Freestanding 800 x 900mm** | | |
| Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 900mm, 19", 42U | | **DS428090-A** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

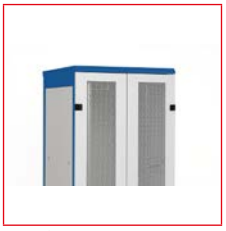
## Data Enclosures Freestanding IP30 DS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Data Enclosures Freestanding 800 x 1000mm** | | |
| Network Enclosure Freestanding DS, W= 800 x H=1.970 x D=1.000mm, 19", 42U |  | **DS428010-A** |
| Network Enclosure Freestanding DS, W= 800 x H=2.105 x D=1.000mm, 19", 45U |  | **DS458010-A** |
| Network Enclosure Freestanding DS, W= 800 x H=2.195 x D=1.000mm, 19", 47U |  | **DS478010-A** |
| **Data Enclosures Freestanding 800 x 1200mm** | | |
| Network Enclosure Freestanding DS, W= 800 x H=1.970 x D=1.200mm, 19", 42U |  | **DS428020-A** |
| **Data Enclosures Freestanding without Front-Door** | | |
| Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 800mm, 19", 42U, without door |  | **DS42808X-A** |
| Network Enclosure Freestanding DS, W= 800 x H=1.970 x D=1.000mm, 19", 42U, without door |  | **DS42801X-A** |

## Accessories


DLT44806-A


DSOT1280


DSRT4285


DFS14845-C


IU070126


DV900336-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Roof Fan Units** | | |
| Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035 | | **DLT44801-A** |
| Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035 | | **DLT44802-A** |
| Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035 | | **DLT44803-A** |
| Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035 | | **DLT44806-A** |
| **Roof Cable-Entry Panel** | | |
| Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035 | | **DBK24800** |
| Brush insert for cable-entry via rearpanel of enclosures DS/DSZ, 370x90mm, self-adhesive, black | | **HDZA0002** |
| **Bases** | | |
| Base side-profile-pair, D=400, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1240** |
| Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1260** |
| Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1280** |
| Base side-profile-pair, D=900, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1290** |
| Base side-profile-pair, D=1000,H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1210** |
| Base side-profile-pair, D=1200,H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1220** |
| Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1260** |
| Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1280** |
| Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1261** |
| Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1281** |
| Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1262** |
| Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1282** |
| Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1263** |
| Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-encosures, RAL7035 | | **DSOF1283** |
| Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035 | | **DSOS1200** |
| **Castors** | | |
| Castors (2 with brake, 2 without brake) for DS/DSZ/DSI-enclosure up to 800kg Load | | **DSR00005-A** |
| **Doors (Replacement of Standard Front Glass-Door or Rear-Panel)** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4281** |
| Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4282** |
| Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4283** |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4285** |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | DSRT4286 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4287** |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | **DSRT4261** |
| Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4262 |
| Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4263 |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4265 |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4266 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4267 |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4581 |
| Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4582 |
| Glas-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4583 |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4585 |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4586 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4587 |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4561 |
| Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4562 |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Accessories



| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Doors (Replacement of Standard Front Glass-Door or Rear-Panel)** | | |
| Glas-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4563 |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4565 |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4566 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4567 |
| **Perforated Panels (Replacement of Standard Full-Metall Panel)** | | |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=800mm, RAL7035 |  | **DSRR4281** |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=600mm, RAL7035 | | DSRR4261 |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=800mm, RAL7035 | | DSRR4581 |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=600mm, RAL7035 | | DSRR4561 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 600mm, RAL7035 | | DSRS4261 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 800mm, RAL7035 | | DSRS4281 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D=1.000mm, RAL7035 | | DSRS4211 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 600mm, RAL7035 | | DSRS4561 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 800mm, RAL7035 | | DSRS4581 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D=1.000mm, RAL7035 | | DSRS4511 |
| **Swing Frame** | | |
| Swingframe 19", 37U for DS-/DSZ-enclosure 42U 800 wide | | HDSSON0024 |
| **Shelves** | | |
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 |  | **DFS14815-C** |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 |  | **DFS14825-C** |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 |  | **DFS14835-C** |
| 19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035 |  | **DFS14845-C** |
| 19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035 |  | **DFS14855-C** |
| 19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035 |  | **DFS14865-C** |
| 19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035 |  | **DFS14875-C** |
| 19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035 |  | **DFS14885-C** |
| 19" Shelf Fix, up to 80kg Load, D=950mm, 1U, RAL7035 |  | **DFS14895-C** |
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 |  | **DFS14815-A** |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 |  | **DFS14825-A** |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 |  | **DFS14835-A** |
| 19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035 |  | **DFS14845-A** |
| 19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035 |  | **DFS14855-A** |
| 19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035 |  | **DFS14865-A** |
| 19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035 |  | **DFS14875-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035 |  | **DFSS4845-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035 |  | **DFSS4855-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035 |  | **DFSS4865-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035 |  | **DFSS4875-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035 |  | **DFSS4885-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=950mm, 1U, RAL7035 |  | **DFSS4895-A** |
| 19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035 |  | **DFA14835** |
| 19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035 |  | **DFA14845** |
| 19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035 |  | **DFA14855** |
| 19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035 |  | **DFA14865** |
| 19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035 |  | **DFA24835** |
| 19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035 |  | **DFK24837** |
| 19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures |  | **DFSZDS01** |
| 19 " Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure |  | **DFSZDS02** |

## Accessories



| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Power Distribution Units - PDUs** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070114 |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070124 |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070126 |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 | | IU070118 |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 | | IU070112 |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black | | IU070116 |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070109 |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070107-B |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070113 |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070110 |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070111 |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |
| **Cable Management** | | |
| 19" Cable man gement panel, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | DBK14805 |
| 19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | DBK14806 |
| 19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035 | | DBC14805 |
| 19" Cableguide panel for installation cable, 1U, RAL7035 | | DBO14200 |
| 19" Cable-management panel 170x150mm for installation to 19"-verticals | | DBO14201 |
| Cable Organizer Metal 80x80mm for mounting to 19"-rail | | DBKO8080 |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U | | DSKV4280 |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U | | DSKV4580 |
| **Light Units** | | |
| Light unit, Installation on 19"-rails, by magnet or screwing | | DV900330-A |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A | | DV900336-A |
| Door switch plastic IP65 | | ACDSW010 |
| Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ACDSW010 | | DSADA001 |
| Cable for doorswitch in DS/DSZ/DSS-enclosures | | DV900332 |
| **DIN-Rail Panel** | | |
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 | | DAB34810 |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 | | DAB34811 |
| **Pouch** | | |
| Document pocket, self-adhesive, DIN A4 | | ASDRA400 |
| **Half Cylinder Lock** | | |
| Half cylinder lock keyed EK 333 including 1 key | | DV900333 |
| Key 333 for half cylinder lock DV900333 | | DV900334 |
| Half cylinder lock different keyed including 1 key | | DV900335 |
| **Accessories** | | |
| Numbering Stripe Pair self adhesive, 1 to 47U | | DSPROFNU |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | DSSRA050 |
| Connection-Kit for joining together DS/DSZ- enclosures | | DSRA0002 |
| **Spare Parts** | | |
| Swinghandle prepared for halfcylinder for DS/DSZ-enclosure | | HDZS0010 |
| Door Hinge for Network enclosure DS, DSZ or DW, letft or right side useable, max. 15kg | | HDZHI001 |
| Earthing kit for DS/DSZ/DSI/DSS-enclosures. Fix to 19" rails | | DSRE0001 |



**Order no. blue:** on stock, usually ready for delivery on the day of order

# Data Enclosures Freestanding Demountable IP30 DSZ

## Data Enclosures Freestanding Demountable IP30 DSZ


DSZ428080


DSZ428080

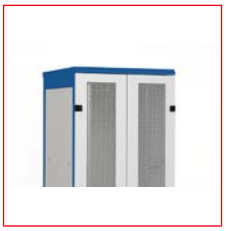

DSZ428080

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Data Enclosures Freestanding Demountable 600 x 1200mm** | | |
| Network Enclosure Freestanding DSZ, Demountable, W= 600 x H=1.970 x D=1.200mm, 19", 42U | | DSZ426020 |
| **Data Enclosures Freestanding Demountable 800 x 800mm** | | |
| Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=1.970 x D= 800mm, 19", 42U | | **DSZ428080** |
| Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=2.105 x D= 800mm, 19", 45U | | DSZ458080 |
| **Data Enclosures Freestanding Demountable 800 x 1000mm** | | |
| Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=1.970 x D=1.000mm, 19", 42U | | **DSZ428010** |
| Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=2.105 x D=1.000mm, 19", 45U | | DSZ458010 |
| **Data Enclosures Freestanding Demountable 800 x 1200mm** | | |
| Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=1.970 x D=1.200mm, 19", 42U | | DSZ428020 |

## Accessories


DLT44806-A


DSOT1280


DSRT4285


DFS14845-C

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Roof Fan Units** | | |
| Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035 | | **DLT44801-A** |
| Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035 | | **DLT44802-A** |
| Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035 | | **DLT44803-A** |
| Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035 | | **DLT44806-A** |
| **Roof Cable-Entry Panel** | | |
| Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035 | | **DBK24800** |
| Brush insert for cable-entry via rearpanel of enclosures DS/DSZ, 370x90mm, self-adhesive, black | | **HDZA0002** |
| **Bases** | | |
| Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1280** |
| Base side-profile-pair, D=1000,H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1210** |
| Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1260** |
| Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1280** |
| Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1261** |
| Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1281** |
| Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1262** |
| Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1282** |
| Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1263** |
| Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-encosures, RAL7035 | | **DSOF1283** |
| Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035 | | **DSOS1200** |
| **Castors** | | |
| Castors (2 with brake, 2 without brake) for DS/DSZ/DSI-enclosure up to 800kg Load | | **DSR00005-A** |



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## Accessories



IU070126



DV900336-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Doors (Replacement of Standard Front Glass-Door or Rear-Panel)** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4281** |
| Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4282** |
| Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4283** |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4285** |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | DSRT4286 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4287** |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | **DSRT4261** |
| Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4262 |
| Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4263 |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4265 |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4266 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4267 |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4581 |
| Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4582 |
| Glas-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4583 |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4585 |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4586 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4587 |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4561 |
| Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4562 |
| Glas-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4563 |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4565 |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4566 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4567 |
| **Perforated Panels (Replacement of Standard Full-Metall Panel)** | | |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=800mm, RAL7035 | | **DSRR4281** |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=600mm, RAL7035 | | DSRR4261 |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=800mm, RAL7035 | | DSRR4581 |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=600mm, RAL7035 | | DSRR4561 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 600mm, RAL7035 | | DSRS4261 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 800mm, RAL7035 | | DSRS4281 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D=1.000mm, RAL7035 | | DSRS4211 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 600mm, RAL7035 | | DSRS4561 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 800mm, RAL7035 | | DSRS4581 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D=1.000mm, RAL7035 | | DSRS4511 |
| **Swingframe** | | |
| Swingframe 19", 37U for DS-/DSZ-enclosure 42U 800 wide | | HDSSON0024 |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Accessories



| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Shelves** | | |
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 |  | **DFS14815-C** |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 |  | **DFS14825-C** |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 |  | **DFS14835-C** |
| 19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035 |  | **DFS14845-C** |
| 19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035 |  | **DFS14855-C** |
| 19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035 |  | **DFS14865-C** |
| 19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035 |  | **DFS14875-C** |
| 19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035 |  | **DFS14885-C** |
| 19" Shelf Fix, up to 80kg Load, D=950mm, 1U, RAL7035 |  | **DFS14895-C** |
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 |  | **DFS14815-A** |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 |  | **DFS14825-A** |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 |  | **DFS14835-A** |
| 19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035 |  | **DFS14845-A** |
| 19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035 |  | **DFS14855-A** |
| 19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035 |  | **DFS14865-A** |
| 19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035 |  | **DFS14875-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035 |  | **DFSS4845-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035 |  | **DFSS4855-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035 |  | **DFSS4865-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035 |  | **DFSS4875-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035 |  | **DFSS4885-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=950mm, 1U, RAL7035 |  | **DFSS4895-A** |
| 19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035 |  | **DFA14835** |
| 19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035 |  | **DFA14845** |
| 19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035 |  | **DFA14855** |
| 19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035 |  | **DFA14865** |
| 19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035 |  | **DFA24835** |
| 19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035 |  | **DFK24837** |
| 19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures |  | **DFSZDS01** |
| 19 " Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure |  | **DFSZDS02** |
| **Power Distribution Units - PDUs** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 |  | **IU070114** |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 |  | **IU070124** |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 |  | **IU070126** |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 |  | **IU070118** |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 |  | **IU070112** |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black |  | **IU070116** |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 |  | **IU070109** |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 |  | **IU070107-B** |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 |  | **IU070113** |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 |  | **IU070110** |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 |  | **IU070111** |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |

## Accessories



| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Cable Management** | | |
| 19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035 |  | **DBK14805** |
| 19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035 |  | **DBK14806** |
| 19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035 |  | **DBC14805** |
| 19" Cableguide panel for installation cable, 1U, RAL7035 |  | **DBO14200** |
| 19" Cable-management panel 170x150mm for installation to 19"-verticals |  | **DBO14201** |
| Cable Organizer Metal 80x80mm for mounting to 19"-rail |  | **DBKO8080** |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U |  | **DSKV4280** |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U | | DSKV4580 |
| **Light Units** | | |
| Light unit, Installation on 19"-rails, by magnet or screwing |  | **DV900330-A** |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A |  | **DV900336-A** |
| Door switch plastic IP65 |  | **ACDSW010** |
| Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ACDSW010 |  | **DSADA001** |
| Cable for doorswitch in DS/DSZ/DSS-enclosures |  | **DV900332** |
| **DIN-Rail Panel** | | |
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 |  | **DAB34810** |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 |  | **DAB34811** |
| **Pouch** | | |
| Document pocket, self-adhesive, DIN A4 |  | **ASDRA400** |
| **Half Cylinder Lock** | | |
| Half cylinder lock keyed EK 333 including 1 key |  | **DV900333** |
| Key 333 for half cylinder lock DV900333 |  | **DV900334** |
| Half cylinder lock different keyed including 1 key |  | **DV900335** |
| **Accessories** | | |
| Numbering Stripe Pair self adhesive, 1 to 47U | | DSPROFNU |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer |  | **DSSRA050** |
| Connection-Kit for joining together DS/DSZ- enclosures |  | **DSRA0002** |



 **Order no. blue:** on stock, usually ready for delivery on the day of order

## Server Enclosures Heavy Duty IP30 DSS

### Server Enclosures IP30 DSS


DSS4280803


DSS4280803


DSS4280803

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Server Enclosures 600 x 1000mm** | | |
| Server Enclosure Freestanding DSS, W=600 x H=1.970 x D=1.000mm, 2x perforated doors, 1.500kg Load, 19", 42U | | **DSS4260103** |
| **Server Enclosures 800 x 800mm** | | |
| Server Enclosure Freestanding DSS, W=800 x H=1.970 x D= 800mm, 2x perforated doors, 1.500kg Load, 19", 42U | | **DSS4280803** |
| **Server Enclosures 800 x 1000mm** | | |
| Server Enclosure Freestanding DSS, W=800 x H=1.970 x D=1.000mm, 2x perforated doors, 1.500kg Load, 19", 42U | | **DSS4280103** |
| Server Enclosure Freestanding DSS, W=800 x H=2.105 x D=1.000mm, 2x perforated doors, 1.500kg Load, 19", 45U | | DSS4580103 |

### Accessories


DLT44806-A


DSSOT1280


DSRT4287


DFS14845-C

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Roof Fan Units** | | |
| Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035 | | **DLT44801-A** |
| Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035 | | **DLT44802-A** |
| Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035 | | **DLT44803-A** |
| Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035 | | **DLT44806-A** |
| **Roof Cable-Entry Panel** | | |
| Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035 | | **DBK24800** |
| **Bases** | | |
| Base side-profile-pair, D= 800mm, H=120mm, for DSS, Max. Load = 1.500kg, RAL7035 | | **DSSOT1280** |
| Base side-profile-pair, D=1.000mm, H=120mm, for DSS, Max. Load = 1.500kg, RAL7035 | | **DSSOT1210** |
| Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1260** |
| Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1261** |
| Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1262** |
| Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1263** |
| Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1280** |
| Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1281** |
| Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1282** |
| Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-encosures, RAL7035 | | **DSOF1283** |
| Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035 | | **DSOS1200** |

## Accessories



IU070126



DV900336-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Doors (Replacement of Standard Front Glass-Door or Rear-Panel)** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | **DSRT4261** |
| Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4262 |
| Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4263 |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4265 |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4266 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4267 |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4281** |
| Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4282** |
| Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4283** |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4285** |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | DSRT4286 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | **DSRT4287** |
| **Shelves** | | |
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 | | **DFS14815-C** |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 | | **DFS14825-C** |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 | | **DFS14835-C** |
| 19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035 | | **DFS14845-C** |
| 19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035 | | **DFS14855-C** |
| 19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035 | | **DFS14865-C** |
| 19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035 | | **DFS14875-C** |
| 19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035 | | **DFS14885-C** |
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 | | **DFS14815-A** |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 | | **DFS14825-A** |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 | | **DFS14835-A** |
| 19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035 | | **DFS14845-A** |
| 19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035 | | **DFS14855-A** |
| 19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035 | | **DFS14865-A** |
| 19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035 | | **DFS14875-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035 | | **DFSS4845-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035 | | **DFSS4855-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035 | | **DFSS4865-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035 | | **DFSS4875-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035 | | **DFSS4885-A** |
| 19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035 | | **DFA14835** |
| 19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035 | | **DFA14845** |
| 19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035 | | **DFA14855** |
| 19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035 | | **DFA14865** |
| 19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035 | | **DFA24835** |
| 19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035 | | **DFK24837** |
| 19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures | | **DFSZDS01** |
| 19 " Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure | | **DFSZDS02** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Accessories

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Power Distribution Units - PDUs** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070114** |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070124** |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070126** |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 | | **IU070118** |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 | | **IU070112** |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070113** |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070107-B** |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070109** |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black | | **IU070116** |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070110** |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070111** |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |
| **Cable Management** | | |
| 19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | **DBK14805** |
| 19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | **DBK14806** |
| 19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035 | | **DBC14805** |
| 19" Cableguide panel for installation cable, 1U, RAL7035 | | **DBO14200** |
| 19" Cable-management panel 170x150mm for installation to 19"-verticals | | **DBO14201** |
| Cable Organizer Metal 80x80mm for mounting to 19"-rail | | **DBKO8080** |
| **Light Units** | | |
| Light unit, Installation on 19"-rails, by magnet or screwing | | **DV900330-A** |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A | | **DV900336-A** |
| Door switch plastic IP65 | | **ACDSW010** |
| Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ACDSW010 | | **DSADA001** |
| Cable for doorswitch in DS/DSZ/DSS-enclosures | | **DV900332** |
| **DIN-Rail Panel** | | |
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 | | **DAB34810** |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 | | **DAB34811** |
| **Pouch** | | |
| Document pocket, self-adhesive, DIN A4 | | **ASDRA400** |
| **Half Cylinder Lock** | | |
| Half cylinder lock keyed EK 333 including 1 key | | **DV900333** |
| Key 333 for half cylinder lock DV900333 | | **DV900334** |
| Half cylinder lock different keyed including 1 key | | **DV900335** |
| **Accessories** | | |
| Numbering Stripe Pair self adhesive, 1 to 47U | | DSPROFNU |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | **DSSRA050** |



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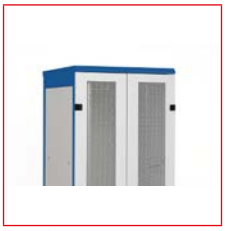
# Doors IP30 for Freestanding Enclosures DS, DSZ and DSS

Doors IP30 for Freestanding Enclosures DS, DSZ and DSS


DSRT4281


DSRT4282


DSRT4283


DSRT4285


DSRT4286


DSRT4287

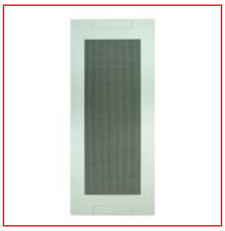
| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Doors IP30 for Freestanding Enclosures 22U, W=600mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 22U, W=600mm, RAL7035 |  | **DSRT2261** |
| **Doors IP30 for Freestanding Enclosures 22U, W=800mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 22U, W=800mm, RAL7035 | | DSRT2281 |
| **Doors IP30 for Freestanding Enclosures 27U, W=600mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 27U, W=600mm, RAL7035 |  | **DSRT2761** |
| **Doors IP30 for Freestanding Enclosures 27U, W=800mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 27U, W=800mm, RAL7035 | | DSRT2781 |
| **Doors IP30 for Freestanding Enclosures 32U, W=600mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 32U, W=600mm, RAL7035 |  | **DSRT3261** |
| **Doors IP30 for Freestanding Enclosures 32U, W=800mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 32U, W=800mm, RAL7035 | | DSRT3281 |
| **Doors IP30 for Freestanding Enclosures 37U, W=600mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 37U, W=600mm, RAL7035 | | DSRT3761 |
| **Doors IP30 for Freestanding Enclosures 37U, W=800mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 37U, W=800mm, RAL7035 | | DSRT3781 |
| **Doors IP30 for Freestanding Enclosures 42U, W=600mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 |  | **DSRT4261** |
| Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4262 |
| Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4263 |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4265 |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4266 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035 | | DSRT4267 |
| **Doors IP30 for Freestanding Enclosures 42U, W=800mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 |  | **DSRT4281** |
| Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 |  | **DSRT4282** |
| Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 |  | **DSRT4283** |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 |  | **DSRT4285** |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 | | DSRT4286 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035 |  | **DSRT4287** |
| **Doors IP30 for Freestanding Enclosures 45U, W=600mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4561 |
| Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4562 |
| Glas-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4563 |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4565 |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4566 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035 | | DSRT4567 |
| **Doors IP30 for Freestanding Enclosures 45U, W=800mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4581 |
| Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4582 |
| Glas-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4583 |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4585 |
| Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4586 |
| Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035 | | DSRT4587 |
| **Doors IP30 for Freestanding Enclosures 47U, W=600mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 47U, W=600mm, RAL7035 | | DSRT4761 |
| **Doors IP30 for Freestanding Enclosures 47U, W=800mm** | | |
| Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 47U, W=800mm, RAL7035 | | DSRT4781 |
| Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 47U, W=800mm, RAL7035 | | DSRT4785 |



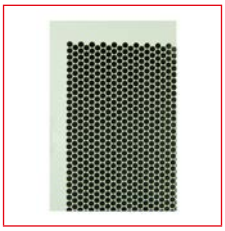

**Order no. blue:** on stock, usually ready for delivery on the day of order

## Perforated Panels

### Perforated Panels IP30 for Data Enclosures DS and DSZ



DSRR4281



DSRR4281

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Perforated Rearpanel for Freestanding Enclosures W=600mm** | | |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=600mm, RAL7035 | | DSRR4261 |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=600mm, RAL7035 | | DSRR4561 |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 22U, W=600mm, RAL7035 | | DSRR2261 |
| **Perforated Rearpanel for Freestanding Enclosures W=800mm** | | |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=800mm, RAL7035 | | **DSRR4281** |
| Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=800mm, RAL7035 | | DSRR4581 |
| **Perforated Sidepanel for Freestanding Enclosures D=600mm** | | |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 600mm, RAL7035 | | DSRS4261 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 600mm, RAL7035 | | DSRS4561 |
| **Perforated Sidepanel for Freestanding Enclosures D=800mm** | | |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 800mm, RAL7035 | | DSRS4281 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 800mm, RAL7035 | | DSRS4581 |
| **Perforated Sidepanel for Freestanding Enclosures D=1000mm** | | |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D=1.000mm, RAL7035 | | DSRS4211 |
| Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D=1.000mm, RAL7035 | | DSRS4511 |

## Bases

### Bases for Freestanding Enclosures DS, DSZ, DSP and DSS


DSOT1280


DSOT1280


DSOF1280


DSOF1281


DSOF1282


DSOF1283

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Base, Pairs of Side Profiles for Data Enclosures DS, DSZ and DSP** | | |
| Base side-profile-pair, D=400, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1240** |
| Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1260** |
| Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1280** |
| Base side-profile-pair, D=900, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1290** |
| Base side-profile-pair, D=1000,H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1210** |
| Base side-profile-pair, D=1200,H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1220** |
| **Base, Pairs of Side Profiles for Server Enclosures DSS** | | |
| Base side-profile-pair, D= 800mm, H=120mm, for DSS, Max. Load = 1.500kg, RAL7035 | | **DSSOT1280** |
| Base side-profile-pair, D=1.000mm, H=120mm, for DSS, Max. Load = 1.500kg, RAL7035 | | **DSSOT1210** |
| **Base, Front-/Rear-panels for Freestanding Enclosures DS, DSZ, DSP and DSS, W=600mm** | | |
| Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1260** |
| Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1261** |
| Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1262** |
| Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1263** |
| **Base, Front-/Rear-panels for Freestanding Enclosures DS, DSZ, DSP and DSS, W=800mm** | | |
| Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1280** |
| Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1281** |
| Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1282** |
| Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-encosures, RAL7035 | | **DSOF1283** |
| **Stabilizer-Set for Data Enclosures DS, DSZ and DSP** | | |
| Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035 | | **DSOS1200** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

# Fan Units

## Roof Fan Units


DLT44801-A


DLT44802-A


DLT44803-A


DLT44806-A


DBK24800


HDLTZ001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Roof Fan Unit** | | |
| Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035 | | **DLT44801-A** |
| **Roof Fan Units** | | |
| Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035 | | **DLT44802-A** |
| Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035 | | **DLT44803-A** |
| Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035 | | **DLT44806-A** |
| **Roof Cable-Entry Panel** | | |
| Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035 | | **DBK24800** |
| **Spare Parts** | | |
| Fan 220-240VAC, 50/60Hz, 160m3/h, 120x120mm | | **HDLTZ001** |
| Dustfilter with grille 120x120mm for one fan | | **HDLTFI01** |

# Swingframe

## 19" Swingframe for Data Enclosures DS and DSZ


HDSSON0024

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Swingframe 19", 37U for DS-/DSZ-enclosure 42U 800 wide | | HDSSON0024 |

## Data Enclosures Freestanding

### Data Enclosures Freestanding IP54 DSI



DSI428080

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Data Enclosures Freestanding IP54 600 x 600mm** | | |
| Network Enclosure Freestanding DSI, W= 600 x H=1.970 x D= 600mm, 19", 42U, IP54 | | DSI426060 |
| **Data Enclosures Freestanding IP54 600 x 1000mm** | | |
| Network Enclosure Freestanding DSI, W= 600 x H=1.970 x D=1.000mm, 19", 42U, IP54 | | DSI426010 |
| **Data Enclosures Freestanding IP54 800 x 800mm** | | |
| Network Enclosure Freestanding DSI, W= 800 x H=1.970 x D= 800mm, 19", 42U, IP54 | | DSI428080 |
| **Data Enclosures Freestanding IP54 800 x 1000mm** | | |
| Network Enclosure Freestanding DSI, W= 800 x H=1.970 x D=1.000mm, 19", 42U, IP54 | | DSI428010 |

## Accessories



DSOT1280



DFS14845-C



IU070126



DV900336-A



DBK14805

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Bases** | | |
| Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1260** |
| Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1280** |
| Base side-profile-pair, D=1000,H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1210** |
| Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1260** |
| Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1262** |
| Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1263** |
| Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1280** |
| Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1282** |
| Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-encosures, RAL7035 | | **DSOF1283** |
| **Shelves** | | |
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 | | **DFS14815-C** |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 | | **DFS14825-C** |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 | | **DFS14835-C** |
| 19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035 | | **DFS14845-C** |
| 19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035 | | **DFS14855-C** |
| 19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035 | | **DFS14865-C** |
| 19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035 | | **DFS14875-C** |
| 19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035 | | **DFS14885-C** |
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 | | **DFS14815-A** |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 | | **DFS14825-A** |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 | | **DFS14835-A** |
| 19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035 | | **DFS14845-A** |
| 19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035 | | **DFS14855-A** |
| 19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035 | | **DFS14865-A** |
| 19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035 | | **DFS14875-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035 | | **DFSS4845-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035 | | **DFSS4855-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035 | | **DFSS4865-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035 | | **DFSS4875-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035 | | **DFSS4885-A** |
| 19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures | | **DFSZDS01** |
| 19 " Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure | | **DFSZDS02** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Accessories



DAB34810

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Power Distribution Units - PDUs** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070114** |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070124** |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070126** |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 | | **IU070118** |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 | | **IU070112** |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black | | **IU070116** |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070109** |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070107-B** |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070113** |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070110** |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070111** |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |
| **Cable Management** | | |
| 19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | **DBK14805** |
| 19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | **DBK14806** |
| 19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035 | | **DBC14805** |
| 19" Cableguide panel for installation cable, 1U, RAL7035 | | **DBO14200** |
| Cable Organizer Metal 80x80mm for mounting to 19"-rail | | **DBKO8080** |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U | | **DSKV4280** |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U | | DSKV4580 |
| **Light Units** | | |
| Light unit, Installation on 19"-rails, by magnet or screwing | | **DV900330-A** |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A | | **DV900336-A** |
| Door switch plastic IP65 | | **ACDSW010** |
| Cable for doorswitch in DS/DSZ/DSS-enclosures | | **DV900332** |
| **DIN-Rail Panel** | | |
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 | | **DAB34810** |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 | | **DAB34811** |
| **Pouch** | | |
| Document pocket, self-adhesive, DIN A4 | | **ASDRA400** |
| **Accessories** | | |
| Numbering Stripe Pair self adhesive, 1 to 47U | | DSPROFNU |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | **DSSRA050** |



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## Industrial Control Enclosure

### Industrial Control Enclosure IP30 DSP



DSP376063

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Industrial Control Enclosure IP30 DSP** | | |
| Industrial Enclosure Freestanding DSP W600xH1750xD600, 19", 37U, IP30 | | DSP376063 |

### Accessories



DFS14845-C



IU070126



DBK14805



DAB34810

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Shelves** | | |
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 | | **DFS14815-C** |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 | | **DFS14825-C** |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 | | **DFS14835-C** |
| 19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035 | | **DFS14845-C** |
| 19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035 | | **DFS14855-C** |
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 | | **DFS14815-A** |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 | | **DFS14825-A** |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 | | **DFS14835-A** |
| 19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035 | | **DFS14845-A** |
| 19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035 | | **DFS14855-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035 | | **DFSS4845-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035 | | **DFSS4855-A** |
| **Roof Fan Units** | | |
| Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035 | | **DLT44801-A** |
| Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035 | | **DLT44802-A** |
| Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035 | | **DLT44803-A** |
| Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035 | | **DLT44806-A** |
| **Bases** | | |
| Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1260** |
| Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1260** |
| Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1261** |
| Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1262** |
| Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1263** |
| **Power Distribution Units - PDUs** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070114** |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070124** |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070126** |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 | | **IU070118** |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 | | **IU070112** |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black | | **IU070116** |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070109** |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070107-B** |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070113** |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070110** |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070111** |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |

## Accessories

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Cable Management** | | |
| 19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | **DBK14805** |
| 19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | **DBK14806** |
| 19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035 | | **DBC14805** |
| 19" Cableguide panel for installation cable, 1U, RAL7035 | | **DBO14200** |
| Cable Organizer Metal 80x80mm for mounting to 19"-rail | | **DBKO8080** |
| **Light Units** | | |
| Light unit, Installation on 19"-rails, by magnet or screwing | | **DV900330-A** |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A | | **DV900336-A** |
| Door switch plastic IP65 | | **ACDSW010** |
| Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ACDSW010 | | **DSADA001** |
| Cable for doorswitch in DS/DSZ/DSS-enclosures | | **DV900332** |
| **DIN-Rail Panel** | | |
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 | | **DAB34810** |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 | | **DAB34811** |
| **Pouch** | | |
| Document pocket, self-adhesive, DIN A4 | | **ASDRA400** |
| **Half Cylinder Lock** | | |
| Half cylinder lock keyed EK 333 including 1 key | | **DV900333** |
| Key 333 for half cylinder lock DV900333 | | **DV900334** |
| Half cylinder lock different keyed including 1 key | | **DV900335** |
| **Accessories** | | |
| Numbering Stripe Pair self adhesive, 1 to 47U | | DSPROFNU |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | **DSSRA050** |

## Industrial Control Enclosure

### Industrial Control Enclosure IP54 DSP



DSP376065

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Industrial Control Enclosure IP54 DSP** | | |
| Industrial Enclosure Freestanding DSP W600xH1750xD600, 19", 37U, IP54 | | DSP376065 |

### Accessories



DFS14845-C



IU070126



DBK14805



DAB34810

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Shelves** | | |
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 | | **DFS14815-C** |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 | | **DFS14825-C** |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 | | **DFS14835-C** |
| 19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035 | | **DFS14845-C** |
| 19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035 | | **DFS14855-C** |
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 | | **DFS14815-A** |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 | | **DFS14825-A** |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 | | **DFS14835-A** |
| 19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035 | | **DFS14845-A** |
| 19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035 | | **DFS14855-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035 | | **DFSS4845-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035 | | **DFSS4855-A** |
| **Bases** | | |
| Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035 | | **DSOT1260** |
| Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1260** |
| Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1261** |
| Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1262** |
| Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035 | | **DSOF1263** |
| **Power Distribution Units - PDUs** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070114** |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070124** |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070126** |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 | | **IU070118** |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 | | **IU070112** |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black | | **IU070116** |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070109** |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070107-B** |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070113** |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070110** |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070111** |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |

## Accessories

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Cable Management** | | |
| 19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | **DBK14805** |
| 19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | **DBK14806** |
| 19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035 | | **DBC14805** |
| 19" Cableguide panel for installation cable, 1U, RAL7035 | | **DBO14200** |
| Cable Organizer Metal 80x80mm for mounting to 19"-rail | | **DBKO8080** |
| **Light Units** | | |
| Light unit, Installation on 19"-rails, by magnet or screwing | | **DV900330-A** |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A | | **DV900336-A** |
| Door switch plastic IP65 | | **ACDSW010** |
| Cable for doorswitch in DS/DSZ/DSS-enclosures | | **DV900332** |
| **DIN-Rail Panel** | | |
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 | | **DAB34810** |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 | | **DAB34811** |
| **Pouch** | | |
| Document pocket, self-adhesive, DIN A4 | | **ASDRA400** |
| **Accessories** | | |
| Numbering Stripe Pair self adhesive, 1 to 47U | | DSPROFNU |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | **DSSRA050** |



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# Data Enclosures Wall Mounting Monobloc with Removeable Sidepanels IP30

## Data Enclosures Wall Mounting Monobloc with Removeable Sidepanels IP30



DW156050

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Data Enclosures Wall Mounting D=495mm** | | |
| Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=370xD=495mm, 19", 6U,RAL7035 | | DW066050 |
| Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=500xD=495mm, 19", 9U,RAL7035 | | DW096050 |
| Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=635xD=495mm, 19", 12U,RAL7035 | | DW126050 |
| Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=770xD=495mm, 19", 15U,RAL7035 | | DW156050 |
| Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=900xD=495mm, 19", 18U,RAL7035 | | DW186050 |
| **Data Enclosures Wall Mounting D=595mm** | | |
| Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=500xD=595mm, 19", 9U,RAL7035 | | DW096060 |
| Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=635xD=595mm, 19", 12U,RAL7035 | | DW126060 |
| Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=770xD=595mm, 19", 15U,RAL7035 | | DW156060 |

## Accessories



DLT12121



DWRT1261



DWRT1267



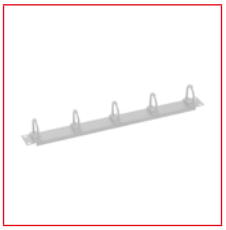
IU070126

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Fan Unit** | | |
| Fan unit, 1x Fan, Cable with On/Off-Switch, Filter and Grille for DWxx6050/DWxx6060 | | DLT12121 |
| **Doors** | | |
| Full Metal Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035 | | DWRT0660 |
| Perforated Metal Door 80% for DW-enclosure 6U, W=600, Standard Lock, RAL7035 | | DWRT0661 |
| Glas Door for DW-enclosure 6U, W=600, Standard Lock | | DWRT0663 |
| Full Metal Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035 | | DWRT0666 |
| Glas Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035 | | DWRT0667 |
| Full Metal Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035 | | DWRT0960 |
| Perforated Metal Door 80% for DW-enclosure 9U, W=600, Standard Lock, RAL7035 | | DWRT0961 |
| Glas Door for DW-enclosure 9U, W=600, Standard Lock | | DWRT0963 |
| Full Metal Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035 | | DWRT0966 |
| Glas Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035 | | DWRT0967 |
| Full Metal Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035 | | DWRT1260 |
| Perforated Metal Door 80% for DW-enclosure 12U, W=600, Standard Lock, RAL7035 | | DWRT1261 |
| Glas Door for DW-enclosure 12U, W=600, Standard Lock | | DWRT1263 |
| Full Metal Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035 | | DWRT1266 |
| Glas Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035 | | DWRT1267 |
| Full Metal Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035 | | DWRT1560 |
| Perforated Metal Door 80% for DW-enclosure 15U, W=600, Standard Lock, RAL7035 | | DWRT1561 |
| Glas Door for DW-enclosure 15U, W=600, Standard Lock | | DWRT1563 |
| Full Metal Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035 | | DWRT1566 |
| Glas Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035 | | DWRT1567 |
| Full Metal Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035 | | DWRT1860 |
| Perforated Metal Door 80% for DW-enclosure 18U, W=600, Standard Lock, RAL7035 | | DWRT1861 |
| **Doors** | | |
| Glas Door for DW-enclosure 18U, W=600, Standard Lock | | DWRT1863 |
| Full Metal Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035 | | DWRT1866 |
| Glas Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035 | | DWRT1867 |

## Accessories



DV900336-A



DBS14805

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Shelves** | | |
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 | | DFS14815-C |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 | | DFS14825-C |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 | | DFS14835-C |
| 19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035 | | DFS14845-C |
| 19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035 | | DFS14855-C |
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 | | DFS14815-A |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 | | DFS14825-A |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 | | DFS14835-A |
| 19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035 | | DFS14845-A |
| 19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035 | | DFS14855-A |
| **Power Distribution Units - PDUs** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070114 |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070124 |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070126 |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 | | IU070118 |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 | | IU070112 |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black | | IU070116 |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070109 |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070107-B |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070113 |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070110 |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070111 |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |
| **Profile Rails (To be used in Rear, Please Order in Pairs)** | | |
| 19" Profile rail 6U for DW-enclosures | | DWPROF06 |
| 19" Profile rail 9U for DW-enclosures | | DWPROF09 |
| 19" Profile rail 12U for DW-enclosures | | DWPROF12 |
| 19" Profile rail 15U for DS-, DSZ-, DSI- and DW-enclosures | | DSPROF15 |
| 19" Profile rail 18U for DS-, DSZ-, DSI- and DW-enclosures | | DSPROF18 |
| 19" Profile rail 21U for DW-enclosures | | DWPROF21 |
| **Light Units** | | |
| Light unit, Installation on 19"-rails, by magnet or screwing | | DV900330-A |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A | | DV900336-A |
| **Cable Management** | | |
| 19" Cable management panel, 5 small plastic-rings 40x53mm,1U,RAL7035 | | DBS14805 |
| Cable Organizer Metal 40x40mm for mounting to 19"-rail | | DBKO4040 |
| 19" cable organiser panel with 4 cable runs, 5 small plastic rings 40x53mm, 1RU, RAL7035 | | DBS14806 |
| **DIN-Rail Panel** | | |
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 | | DAB34810 |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 | | DAB34811 |
| **Pouch** | | |
| Document pocket, self-adhesive, DIN A4 | | ASDRA400 |
| **Accessories** | | |
| Numbering Stripe Pair self adhesive, 1 to 47U | | DSPROFNU |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | DSSRA050 |
| Half cylinder lock keyed EK 333 including 1 key | | DV900333 |

# Data Enclosures Wall Mounting Monobloc IP30

## Data Enclosures Wall Mounting Monobloc IP30



DW126040

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Data Enclosures Wall Mounting D=395mm** | | |
| Network Enclosure Wallmount DW Monobloc, W=600 x H=280 x D=395mm, 19", 4U, RAL7035 | | DW046040 |
| Wall-mounted network enclosure DW Monoblock, W=600 x H=370 x D=395mm, 19", 6RU, RAL7035 | | DW066040 |
| Network Enclosure Wallmount DW Monobloc, W=600 x H=500 x D=395mm, 19", 9U, RAL7035 | | DW096040 |
| Network Enclosure Wallmount DW Monobloc, W=600 x H=635 x D=395mm, 19", 12U, RAL7035 | | DW126040 |
| Network Enclosure Wallmount DW Monobloc, W=600 x H=770 x D=395mm, 19", 15U, RAL7035 | | DW156040 |
| Network Enclosure Wallmount DW Monobloc, W=600 x H=900 x D=395mm, 19", 18U, RAL7035 | | DW186040 |

## Accessories



DWRT1261



DWRT1267



DFS14835-C



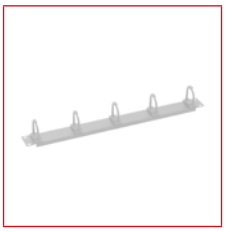
DFSZDW01



IU070126

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Doors** | | |
| Full Metal Door for DW-enclosure 4U, W=600, Standard Lock, RAL7035 | | DWRT0460 |
| Perforated Metal Door 80% for DW-enclosure 4U, W=600, Standard Lock, RAL7035 | | DWRT0461 |
| Glas Door for DW-enclosure 4U, W=600, Standard Lock | | DWRT0463 |
| Full Metal Door for DW-enclosure 4U, W=600, RAL7035, Halfcylinder ready | | DWRT0466 |
| Glas Door for DW-enclosure 4U, W=600, RAL7035, Halfcylinder ready | | DWRT0467 |
| Full Metal Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035 | | DWRT0660 |
| Perforated Metal Door 80% for DW-enclosure 6U, W=600, Standard Lock, RAL7035 | | DWRT0661 |
| Glas Door for DW-enclosure 6U, W=600, Standard Lock | | DWRT0663 |
| Full Metal Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035 | | DWRT0666 |
| Glas Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035 | | DWRT0667 |
| Full Metal Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035 | | DWRT0960 |
| Perforated Metal Door 80% for DW-enclosure 9U, W=600, Standard Lock, RAL7035 | | DWRT0961 |
| Glas Door for DW-enclosure 9U, W=600, Standard Lock | | DWRT0963 |
| Full Metal Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035 | | DWRT0966 |
| Glas Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035 | | DWRT0967 |
| Full Metal Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035 | | DWRT1260 |
| Perforated Metal Door 80% for DW-enclosure 12U, W=600, Standard Lock, RAL7035 | | DWRT1261 |
| Glas Door for DW-enclosure 12U, W=600, Standard Lock | | DWRT1263 |
| Full Metal Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035 | | DWRT1266 |
| Glas Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035 | | DWRT1267 |
| Full Metal Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035 | | DWRT1560 |
| Perforated Metal Door 80% for DW-enclosure 15U, W=600, Standard Lock, RAL7035 | | DWRT1561 |
| Glas Door for DW-enclosure 15U, W=600, Standard Lock | | DWRT1563 |
| Full Metal Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035 | | DWRT1566 |
| Glas Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035 | | DWRT1567 |
| Full Metal Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035 | | DWRT1860 |
| Perforated Metal Door 80% for DW-enclosure 18U, W=600, Standard Lock, RAL7035 | | DWRT1861 |
| Glas Door for DW-enclosure 18U, W=600, Standard Lock | | DWRT1863 |
| Full Metal Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035 | | DWRT1866 |
| Glas Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035 | | DWRT1867 |

## Accessories



DBS14805

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Shelves** | | |
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 | | DFS14815-C |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 | | DFS14825-C |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 | | DFS14835-C |
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 | | DFS14815-A |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 | | DFS14825-A |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 | | DFS14835-A |
| **Shelf Holders** | | |
| 19" Shelf holder for back of DW-enclosure with fixed sidepanel | | DFSZDW01 |
| **Power Distribution Units - PDUs** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070114 |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070124 |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070126 |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 | | IU070118 |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 | | IU070112 |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black | | IU070116 |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070109 |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070107-B |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070113 |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070110 |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070111 |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |
| **Light Units** | | |
| Light unit, Installation on 19"-rails, by magnet or screwing | | DV900330-A |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A | | DV900336-A |
| **Cable Management** | | |
| 19" Cable management panel, 5 small plastic-rings 40x53mm,1U,RAL7035 | | DBS14805 |
| Cable Organizer Metal 40x40mm for mounting to 19"-rail | | DBKO4040 |
| 19" cable organiser panel with 4 cable runs, 5 small plastic rings 40x53mm, 1RU, RAL7035 | | DBS14806 |
| **DIN-Rail Panel** | | |
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 | | DAB34810 |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 | | DAB34811 |
| **Pouch** | | |
| Document pocket, self-adhesive, DIN A4 | | ASDRA400 |
| **Accessories** | | |
| Numbering Stripe Pair self adhesive, 1 to 47U | | DSPROFNU |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | DSSRA050 |
| Half cylinder lock keyed EK 333 including 1 key | | DV900333 |

# Data Enclosures Wall Mounting Dualbloc IP30

## Data Enclosures Wall Mounting Dualbloc IP30



DW12605D

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Data Enclosures Wall Mounting D=515mm** | | |
| Network Enclosure Wallmount DW Dualbloc, W=600 x H=370 x D=515mm, 19", 6U, RAL7035 | | **DW06605D** |
| Network Enclosure Wallmount DW Dualbloc, W=600 x H=500 x D=515mm, 19", 9U, RAL7035 | | **DW09605D** |
| Network Enclosure Wallmount DW Dualbloc, W=600 x H=635 x D=515mm, 19", 12U, RAL7035 | | **DW12605D** |
| Network Enclosure Wallmount DW Dualbloc, W=600 x H=770 x D=515mm, 19", 15U, RAL7035 | | **DW15605D** |
| Network Enclosure Wallmount DW Dualbloc, W=600 x H=900 x D=515mm, 19", 18U, RAL7035 | | **DW18605D** |
| Network Enclosure Wallmount DW Dualbloc, W=600 x H=1.035 x D=515mm, 19", 21U, RAL7035 | | **DW21605D** |
| **Data Enclosures Wall Mounting D=615mm** | | |
| Network Enclosure Wallmount DW Dualbloc, W=600 x H=900 x D=615mm, 19", 18U, RAL7035 | | **DW18606D** |
| Network Enclosure Wallmount DW Dualbloc, W=600 x H=1.035 x D=615mm, 19", 21U, RAL7035 | | **DW21606D** |

## Accessories



DWRT1261



DWRT1267



DFS14835-C



DFSZDW01



IU070126

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Doors** | | |
| Full Metal Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035 | | DWRT0660 |
| Perforated Metal Door 80% for DW-enclosure 6U, W=600, Standard Lock, RAL7035 | | DWRT0661 |
| Glas Door for DW-enclosure 6U, W=600, Standard Lock | | DWRT0663 |
| Full Metal Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035 | | DWRT0666 |
| Glas Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035 | | DWRT0667 |
| Full Metal Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035 | | DWRT0960 |
| Perforated Metal Door 80% for DW-enclosure 9U, W=600, Standard Lock, RAL7035 | | DWRT0961 |
| Glas Door for DW-enclosure 9U, W=600, Standard Lock | | DWRT0963 |
| Full Metal Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035 | | DWRT0966 |
| Glas Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035 | | DWRT0967 |
| Full Metal Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035 | | DWRT1260 |
| Perforated Metal Door 80% for DW-enclosure 12U, W=600, Standard Lock, RAL7035 | | DWRT1261 |
| Glas Door for DW-enclosure 12U, W=600, Standard Lock | | DWRT1263 |
| Full Metal Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035 | | DWRT1266 |
| Glas Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035 | | DWRT1267 |
| Full Metal Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035 | | DWRT1560 |
| Perforated Metal Door 80% for DW-enclosure 15U, W=600, Standard Lock, RAL7035 | | DWRT1561 |
| Glas Door for DW-enclosure 15U, W=600, Standard Lock | | DWRT1563 |
| Full Metal Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035 | | DWRT1566 |
| Glas Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035 | | DWRT1567 |
| Full Metal Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035 | | DWRT1860 |
| Perforated Metal Door 80% for DW-enclosure 18U, W=600, Standard Lock, RAL7035 | | DWRT1861 |
| Glas Door for DW-enclosure 18U, W=600, Standard Lock | | DWRT1863 |
| Full Metal Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035 | | DWRT1866 |
| Glas Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035 | | DWRT1867 |
| Full Metal Door for DW-enclosure 21U, W=600, Standard Lock, RAL7035 | | DWRT2160 |
| Perforated Metal Door 80% for DW-enclosure 21U, W=600, Standard Lock, RAL7035 | | DWRT2161 |
| Glas Door for DW-enclosure 21U, W=600, Standard Lock | | DWRT2163 |
| Full Metal Door for DW-enclosure 21U, W=600, Halfcylinder ready, RAL7035 | | DWRT2166 |
| Glas Door for DW-enclosure 21U, W=600, Halfcylinder ready, RAL7035 | | DWRT2167 |

## Accessories



DV900336-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Shelves** | | |
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 | | DFS14815-C |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 | | DFS14825-C |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 | | DFS14835-C |
| 19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035 | | DFS14845-C |
| 19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035 | | DFS14855-C |
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 | | DFS14815-A |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 | | DFS14825-A |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 | | DFS14835-A |
| 19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035 | | DFS14845-A |
| 19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035 | | DFS14855-A |
| **Shelf Holders** | | |
| 19" Shelf holder for back of DW-enclosure with fixed sidepanel | | DFSZDW01 |
| **Power Distribution Units - PDUs** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070114 |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070124 |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070126 |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 | | IU070118 |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 | | IU070112 |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black | | IU070116 |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070109 |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070107-B |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070113 |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070110 |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070111 |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |
| **Light Units** | | |
| Light unit, Installation on 19"-rails, by magnet or screwing | | DV900330-A |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A | | DV900336-A |
| **Cable Management** | | |
| 19" Cable management panel, 5 small plastic-rings 40x53mm,1U,RAL7035 | | DBS14805 |
| Cable Organizer Metal 40x40mm for mounting to 19"-rail | | DBKO4040 |
| 19" cable organiser panel with 4 cable runs, 5 small plastic rings 40x53mm, 1RU, RAL7035 | | DBS14806 |
| **DIN-Rail Panel** | | |
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 | | DAB34810 |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 | | DAB34811 |
| **Pouch** | | |
| Document pocket, self-adhesive, DIN A4 | | ASDRA400 |
| **Accessories** | | |
| Numbering Stripe Pair self adhesive, 1 to 47U | | DSPROFNU |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | DSSRA050 |
| Half cylinder lock keyed EK 333 including 1 key | | DV900333 |

# Data Enclosures Wall Mounting Flatpack IP30

## Data Enclosures Wall Mounting Flatpack IP30



DW095540

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Data Enclosures Wall Mounting D=400mm** | | |
| Network Enclosure Wallmount DW Flat Pack, W=550 x H=230 x D=400mm, 19", 4U, RAL7035 | | DW045540 |
| Network Enclosure Wallmount DW Flat Pack, W=550 x H=320 x D=400mm, 19", 6U, RAL7035 | | DW065540 |
| Network Enclosure Wallmount DW Flat Pack, W=550 x H=410 x D=400mm, 19", 9U, RAL7035 | | DW095540 |
| Network Enclosure Wallmount DW Flat Pack, W=550 x H=580 x D=400mm, 19", 12U, RAL7035 | | DW125540 |

## Accessories



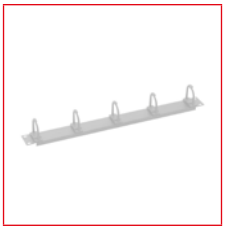
DFS14825-A



IU070126



DV900336-A



DBS14805

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Shelves** | | |
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 | | DFS14815-C |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 | | DFS14825-C |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 | | DFS14835-C |
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 | | DFS14815-A |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 | | DFS14825-A |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 | | DFS14835-A |
| **Power Distribution Units - PDUs** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070114 |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070124 |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070126 |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 | | IU070118 |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 | | IU070112 |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black | | IU070116 |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070109 |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070107-B |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070113 |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070110 |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070111 |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |
| **Light Units** | | |
| Light unit, Installation on 19"-rails, by magnet or screwing | | DV900330-A |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A | | DV900336-A |
| **Cable Management** | | |
| 19" Cable management panel, 5 small plastic-rings 40x53mm,1U,RAL7035 | | DBS14805 |
| Cable Organizer Metal 40x40mm for mounting to 19"-rail | | DBKO4040 |
| 19" cable organiser panel with 4 cable runs, 5 small plastic rings 40x53mm, 1RU, RAL7035 | | DBS14806 |
| **DIN-Rail Panel** | | |
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 | | DAB34810 |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 | | DAB34811 |
| **Accessories** | | |
| Numbering Stripe Pair self adhesive, 1 to 47U | | DSPROFNU |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | DSSRA050 |

# Data System Racks 19“

## Data System Racks 19"



IU070142-A



IU070242-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Data System Racks Single Sectioned** | | |
| Network Systemrack, single-sectioned, W=600 x H=1.340 x D=600mm, 19", 27U | | IU070127-A |
| Network Systemrack, single-sectioned, W=600 x H=2.005 x D=600mm, 19", 42U | | **IU070142-A** |
| **Data System Racks Double Sectioned** | | |
| Network Systemrack, double-sectioned, W=600 x H=1.340 x D=700mm, 19", 27U | | IU070227-A |
| Network Systemrack, double-sectioned, W=600 x H=2.005 x D=700mm, 19", 42U | | **IU070242-A** |

## Accessories



DFS14835-C



IU070126



DBK14805



DAB34810

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Shelves** | | |
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 | | **DFS14815-C** |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 | | **DFS14825-C** |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 | | **DFS14835-C** |
| 19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035 | | **DFS14845-C** |
| 19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035 | | **DFS14855-C** |
| 19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035 | | **DFS14865-C** |
| 19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035 | | **DFS14875-C** |
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 | | **DFS14815-A** |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 | | **DFS14825-A** |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 | | **DFS14835-A** |
| 19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035 | | **DFS14845-A** |
| 19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035 | | **DFS14855-A** |
| 19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035 | | **DFS14865-A** |
| 19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035 | | **DFS14875-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035 | | **DFSS4845-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035 | | **DFSS4855-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035 | | **DFSS4865-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035 | | **DFSS4875-A** |
| 19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035 | | **DFA14835** |
| 19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035 | | **DFA14845** |
| 19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035 | | **DFA14855** |
| 19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035 | | **DFA14865** |
| 19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035 | | **DFA24835** |
| 19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035 | | **DFK24837** |

## Accessories



| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Power Distribution Units - PDUs** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070114 |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070124 |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070126 |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 | | IU070118 |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 | | IU070112 |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black | | IU070116 |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070109 |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070107-B |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | IU070113 |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070110 |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070111 |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |
| **Cable Management** | | |
| 19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | DBK14805 |
| 19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | DBK14806 |
| 19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035 | | DBC14805 |
| 19" Cableguide panel for installation cable, 1U, RAL7035 | | DBO14200 |
| 19" Cable-management panel 170x150mm for installation to 19"-verticals | | DBO14201 |
| Cable Organizer Metal 80x80mm for mounting to 19"-rail | | DBKO8080 |
| **Light Units** | | |
| Light unit, Installation on 19"-rails, by magnet or screwing | | DV900330-A |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A | | DV900336-A |
| **DIN-Rail Panel** | | |
| DIN rail adaptor empty for 1 module (SFA)(SFB) | | HSERH010GS |
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 | | DAB34810 |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 | | DAB34811 |
| **Accessories** | | |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | DSSRA050 |
| Castors (2 with brake, 2 without brake) for DS/DSZ/DSI-enclosure up to 800kg Load | | DSR00005-A |



**Order no. blue:** on stock, usually ready for delivery on the day of order

# Data Enclosures Wall Mounting 10"

## Data Enclosures Wall Mounting 10"



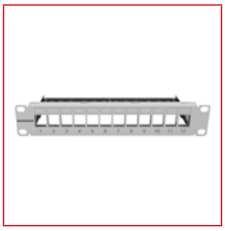
DV610006-A



DV610006-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Data Enclosures Wall Mounting D=260mm** | | |
| Network Enclosure Wallmounting DV, W=310 x H=248 x D=260mm, 10", 4U, RAL7035 | | DV610004-A |
| Network Enclosure Wallmounting DV, W=310 x H=337 x D=260mm, 10", 6U, RAL7035 | | DV610006-A |
| Network Enclosure Wallmounting DV, W=310 x H=470 x D=260mm, 10", 9U, RAL7035 | | DV610009-A |

## Accessories



HSER0120GS



HSERG106GV



IU071000-A



IU070122

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Shelf** | | |
| 10" Shelf Fix, D=150mm, Low Profile, RAL7035 | | IU071000-A |
| 10" DIN-rail panel, 3U, RAL7035 | | DAB34812 |
| **Power Distribution Units - PDUs** | | |
| 10" PDU, 3xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070122 |
| 10" PDU, 3x UTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | IU070123 |
| **Networking Patchpanels** | | |
| Patchpanel 10" empty for 12 modules (SFA)(SFB), 1U, RAL7035, lightgrey, patchcord lock down | | HSER0120GS |
| DE-EMBEDDED LINE Patchpanel 10" 10xRJ45 shielded, Cat.6, 1U, RAL7035 lightgrey | | HSERG106GV |
| **Accessories** | | |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | DSSRA050 |



NOVAMAT Quality and Safety from one source
SCHRACK TECHNIK

# IT METER LINE Power Distribution Units - PDUs Passive

IT METER LINE Power Distribution Units - PDUs Passive


IU070126


IU070124


IU070114


IU070112


IU070116


IU070130

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Power Distribution Units - PDUs Passive 19", ALU, 1U** | | |
| 19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070114** |
| 19" PDU, 9xSchuko, Profile ALU 1U, 3m-connector cable, RAL7035 | | **IU070114-3** |
| 19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070124** |
| 19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070126** |
| 19" PDU, 6xSchuko with overvoltage protection, line- and frequencyfilter, ALU 1U, 2m cable,RAL7035 | | **IU070118** |
| 19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035 | | **IU070112** |
| 19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black | | **IU070116** |
| 19" PDU for UPS, 8x Schuko Red, 1x Fuse 10A, Profile ALU 1U, 2m-connector cable with IEC connector C14, RAL7035 | | **IU070130** |
| 19" PDU for UPS, 8x UTE Red, 1x Fuse 10A, Profile ALU 1U, 2m-connector cable with IEC connector C14, RAL7035 | | **IU070131** |
| 19" PDU, 9xUTE, Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070110** |
| 19" PDU, 8xUTE with On/Off-Switch , Profile ALU 1U, 2m-connector cable, RAL7035 | | **IU070111** |
| **Power Distribution Units - PDUs Passive 19", PVC, 1.25U** | | |
| 19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070109** |
| 19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070107-B** |
| 19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035 | | **IU070113** |
| **Power Distribution Units - PDUs Passive Vertical Installation** | | |
| IT METER LINE PDU Passive, IN: 1xCEE Plug 16A Red, OUT: 15xSchuko Socket Outlets, 821x44x47mm | | HSMPPS15 |
| IT METER LINE PDU Passive, IN: 1xCEE Plug 16A Red, OUT: 18xC13 Socket Outlets, 821x44x47mm | | HSMPP318 |
| IT METER LINE PDU Passive, IN: 1xCEE Plug 16A Red, OUT: 12xC13 Socket Outlets, 6x Schuko Socket Outlets, 821x44x47mm | | HSMPP312 |
| **Locking Caps** | | |
| IT METER LINE Locking Cap white Schuko 5pcs plus Key 3pcs | | HSMZSK--05 |
| **Locking Clips and Cables C13** | | |
| IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces | | HSMZ3V--12 |
| IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m | | HSMZ33005 |
| IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m | | HSMZ33010 |
| **C13 Extension Cords Standard** | | |
| IEC C13 Extension Cord, black, 1.8m | | **Q7130256** |
| IEC C13 Extension Cord, black, 3.0m | | **Q7130266** |

## IT METER LINE Power Distribution Units

### IT METER LINE Power Distribution Units - PDUs Active Metered Plus



HSMPES06

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Power Distribution Units - PDUs Metered Plus 19"** | | |
| IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035 | | HSMPES06 |
| IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035 | | HSMPE308 |
| IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035 | | HSMPEU06 |
| **Locking Caps** | | |
| IT METER LINE Locking Cap white Schuko 5pcs plus Key 3pcs | | HSMZSK--05 |
| **Locking Clips and Cables C13** | | |
| IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces | | HSMZ3V--12 |
| IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m | | HSMZ33005 |
| IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m | | HSMZ33010 |
| **C13 Extension Cords Standard** | | |
| IEC C13 Extension Cord, black, 1.8m | | **Q7130256** |
| IEC C13 Extension Cord, black, 3.0m | | **Q7130266** |

## IT METER LINE Power Distribution Units

### IT METER LINE Power Distribution Units - PDUs Active Monitored



HSMPMS06

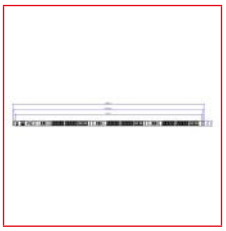
| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Power Distribution Units - PDUs Monitored 19"** | | |
| IT METER LINE PDU with integrated Power Metering, 6xSchuko, Ethernet-Connection, 2 Sensors optional, ALU-Profile, 19", 1U, RAL7035 | | HSMPMS06 |
| IT METER LINE PDU with integrated Power Metering, 8xC13, Ethernet-Connection, 2 Sensors optional, ALU-Profile, 19", 1U, RAL7035 | | HSMPM308 |
| **Power Distribution Units - PDUs Monitored Vertical Installation** | | |
| IT METER LINE PDU with integrated Power Metering, 3-phases, IN: CEE, OUT: 36xC13 + 6xC19, Ethernet-Connection, 2 Sensors optional, ALU-Profile, L=1.800mm | | HSMPM336 |
| **Sensors for Power Distribution Units - PDUs Monitored** | | |
| IT METER LINE Sensor Temperature for HSMPM... PDUs | | HSMST |
| IT METER LINE Combined Sensor Temperature and Humidity for HSMPM... PDUs | | HSMSTF |
| **Locking Caps** | | |
| IT METER LINE Locking Cap white Schuko 5pcs plus Key 3pcs | | HSMZSK--05 |
| **Locking Clips and Cables C13** | | |
| IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces | | HSMZ3V--12 |
| IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m | | HSMZ33005 |
| IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m | | HSMZ33010 |
| **C13 Extension Cords Standard** | | |
| IEC C13 Extension Cord, black, 1.8m | | **Q7130256** |
| IEC C13 Extension Cord, black, 3.0m | | **Q7130266** |



NOVAMAT Quality and Safety from one source
SCHRACK TECHNIK

## IT METER LINE Power Distribution Units

### IT METER LINE Power Distribution Units - PDUs Active Managed



HSMPA324

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Locking Clips and Cables C13** | | |
| IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces | | HSMZ3V--12 |
| IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m | | HSMZ33005 |
| IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m | | HSMZ33010 |
| **C13 Extension Cords Standard** | | |
| IEC C13 Extension Cord, black, 1.8m | | **Q7130256** |
| IEC C13 Extension Cord, black, 3.0m | | **Q7130266** |

## IT METER LINE Power Unit for Datacenters

### IT METER LINE Power Unit for Datacenters



HSMPUC04

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Power Unit 19"** | | |
| IT METER LINE Power Unit Chassis, IN: 2xCEE Red 16A/400V, OUT: 4xCEE Red 16A/400V,3Phases | | HSMPUC04 |



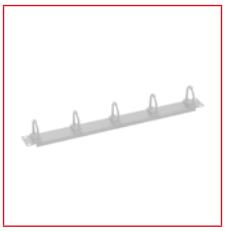
HSMPUC04



HSMPUZ40

## Cable Management

### Cable Management Panels 19"


DBS14805


DBK14805


DBK14806

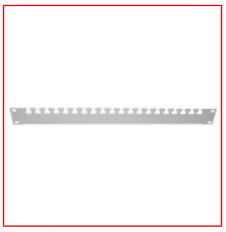

DBC14805


HDBS148051


HDBS148053

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Cable management panel, 5 small plastic-rings 40x53mm,1U,RAL7035 | | **DBS14805** |
| 19" cable organiser panel with 4 cable runs, 5 small plastic rings 40x53mm, 1RU, RAL7035 | | **DBS14806** |
| 19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | **DBK14805** |
| 19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035 | | **DBK14806** |
| 19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035 | | **DBC14805** |
| 19" Cable management panel with cable trunk 1 sided, 1U, RAL7035 | | **HDBS148051** |
| 19" Cable management panel with cable trunk 1 sided, 2U, RAL7035 | | **HDBS148053** |
| Routing Panel 1U with 5 Cable Clamps of Steel 60mm RAL7035 | | **HEKDBC01** |
| Routing Panel 1U with 5 Cable Clamps of Steel 110mm RAL7035 | | **HEKDBC02** |
| Routing Panel 1U with 5 Cable Clamps of Plastic 78mm RAL7035 | | **HEKDBK01** |
| Routing Panel 1U with 5 plastic Cable Clamps (short) 75mm with bending radius limitation, RAL7035 | | **HEKDBK02K** |
| Routing Panel 1U with 5 plastic Cable Clamps (long) 100mm with bending radius limitation, RAL7035 | | **HEKDBK02L** |
| 19" Cable management panel, 1U, plastic, black RAL9005 | | **DBK14807-B** |
| 19" Cable management panel, 2U, plastic, black RAL9005 | | **DBK14808-B** |

## Cable Management

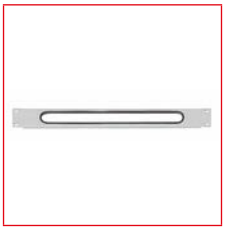

DBO14200

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Cableguide panel for installation cable, 1U, RAL7035 | | **DBO14200** |
| 19" Cable-management panel 170x150mm for installation to 19"-verticals | | **DBO14201** |

## Cable Entry Panels 19"



DBB14802



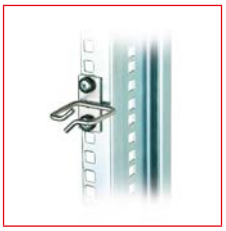
DBB14820-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Cable entry panel with brush, 1U, RAL7035 | | **DBB14802** |
| 19" Cable entry panel, 1U, RAL7035 | | **DBB14820-A** |

## Cable Organizers



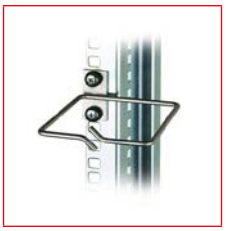
DBKOXXXXX



DBKO4040



DBKO4080



DBKO8080

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Cable Organizer Metal 40x40mm for mounting to 19"-rail | | **DBKO4040** |
| Cable Organizer Metal 40x80mm for mounting to 19"-rail | | **DBKO4080** |
| Cable Organizer Metal 80x80mm for mounting to 19"-rail | | **DBKO8080** |

## Vertical Cable Management for DS Enclosures Width 800mm, Metal



DSKV4280

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 15U | | DSKV1580 |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 18U | | DSKV1880 |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 22U | | DSKV2280 |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 27U | | DSKV2780 |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 32U | | DSKV3280 |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 37U | | DSKV3780 |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U | | **DSKV4280** |
| Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U | | DSKV4580 |

## Vertical Cable Management Made from Plastic, Double Row



DSKV42DRC



DSKV42DR

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS cabinet 10HE, plastic, double row, black RAL9005 | | DSKV10DR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS cabinet 15HE, plastic, double row, black RAL9005 | | DSKV15DR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS cabinet 18HE, plastic, double row, black RAL9005 | | DSKV18DR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS cabinet 22HE, plastic, double row, black RAL9005 | | DSKV22DR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS cabinet 27HE, plastic, double row, black RAL9005 | | DSKV27DR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS cabinet 32HE, plastic, double row, black RAL9005 | | DSKV32DR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS cabinet 37HE, plastic, double row, black RAL9005 | | DSKV37DR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS cabinet 42HE, plastic, double row, black RAL9005 |  | **DSKV42DR** |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS cabinet 45HE, plastic, double row, black RAL9005 | | DSKV45DR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS cabinet 47HE, plastic, double row, black RAL9005 | | DSKV47DR |
| Cover for Vertical cable management, plastic, 10U, double row, black RAL9005, DSKV10DR | | DSKV10DRC |
| Cover for Vertical cable management, plastic, 15U, double row, black RAL9005, DSKV15DR | | DSKV15DRC |
| Cover for Vertical cable management, plastic, 18U, double row, black RAL9005, DSKV18DR | | DSKV18DRC |
| Cover for Vertical cable management, plastic, 22U, double row, black RAL9005, DSKV22DR | | DSKV22DRC |
| Cover for Vertical cable management, plastic, 27U, double row, black RAL9005, DSKV27DR | | DSKV27DRC |
| Cover for Vertical cable management, plastic, 32U, double row, black RAL9005, DSKV32DR | | DSKV32DRC |
| Cover for Vertical cable management, plastic, 37U, double row, black RAL9005, DSKV37DR | | DSKV37DRC |
| Cover for Vertical cable management, plastic, 42U, double row, black RAL9005, DSKV42DR |  | **DSKV42DRC** |
| Cover for Vertical cable management, plastic, 45U, double row, black RAL9005, DSKV45DR | | DSKV45DRC |
| Cover for Vertical cable management, plastic, 47U, double row, black RAL9005, DSKV47DR | | DSKV47DRC |

## Vertical Cable Management Made from Plastic, Single Row



DSKV42SR

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS and 600mm DSS cabinets 15HE, plastic, single row, black RAL9005 | | DSKV15SR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS and 600mm DSS cabinets 18HE, plastic, single row, black RAL9005 | | DSKV18SR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS and 600mm DSS cabinets 22HE, plastic, single row, black RAL9005 | | DSKV22SR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS and 600mm DSS cabinets 27HE, plastic, single row, black RAL9005 | | DSKV27SR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS and 600mm DSS cabinets 32HE, plastic, single row, black RAL9005 | | DSKV32SR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS and 600mm DSS cabinets 37HE, plastic, single row, black RAL9005 | | DSKV37SR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS and 600mm DSS cabinets 42HE, plastic, single row, black RAL9005 |  | **DSKV42SR** |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS and 600mm DSS cabinets 45HE, plastic, single row, black RAL9005 | | DSKV45SR |
| Vertical cable management for 800mm wide DS/DSZ/DSI/DSS and 600mm DSS cabinets 47HE, plastic, single row, black RAL9005 | | DSKV47SR |

## Horizontal Cable Management


DSKHSM8T06

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Side cable management for 800mm wide and 600mm deep DS/DSZ/DSI cabinets, steel | | DSKHSM8T06 |
| Side cable management for 800mm wide and 800mm deep DS/DSZ/DSI cabinets, steel | | DSKHSM8T08 |
| Side cable management for 800mm wide and 1000mm deep DS/DSZ/DSI cabinets, steel | | DSKHSM8T10 |
| Side cable management for 800mm wide and 1200mm deep DS/DSZ/DSI cabinets, steel | | DSKHSM8T12 |
| Support for side cable management for DSKHSM8Txx in DS/DSZ, steel, Pair | | DSKHSM8SKL |
| Extendable side cable guide for 800mm wide and 600 - 1100mm deep DS/DSZ/DSI cabinets, steel | | DSKHSMA611 |
| Extendable side cable guide for 800mm wide and 600 - 900mm deep DS/DSZ/DSI cabinets, steel | | DSKHSMA609 |
| Extendable side cable guide for 800mm wide and 800 - 1200mm deep DS/DSZ/DSI cabinets, steel | | DSKHSMA812 |
| Side cable management for 600mm deep DS/DSZ cabinets, steel, light grey RAL7035 | | DSKHSMT06 |
| Side cable management for 800mm deep DS/DSZ cabinets, steel, light grey RAL7035 | | DSKHSMT08 |
| Side cable management for 1000mm deep DS/DSZ cabinets, steel, light grey RAL7035 | | DSKHSMT10 |
| Side cable management for 1200mm deep DS/DSZ cabinets, steel, light grey RAL7035 | | DSKHSMT12 |

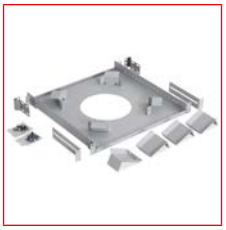
## Cable Entry


DBK24800


HDZA0002

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035 | | DBK24800 |
| Brush insert for cable-entry via rearpanel of enclosures DS/DSZ, 370x90mm, self-adhesive, black | | HDZA0002 |
| Brush insert for cable-entry for wallmounting enclosure DW / HSATG, 300x70mm, self-adhesive, black | | HDZA0003 |

## Cable Storage 19“


DFC24844

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Cablestorage for Overlengths, horizontal or vertical installation, 1 or 2U, D=440mm, RAL7035 | | DFC24844 |

## Blanking Panels

### Blanking Panel 19"



DBO14803

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Blanking panel 1U, RAL7035 | | DBO14801 |
| 19" Blanking panel 2U, RAL7035 | | DBO14802 |
| 19" Blanking panel 3U, RAL7035 | | DBO14803 |
| 19" Blanking panel 4U, RAL7035 | | DBO14804 |
| 19" Blanking panel 5U, RAL7035 | | DBO14805 |
| 19" Blanking panel 6U, RAL7035 | | DBO14806 |

## Mounting Plates

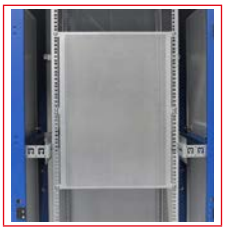
### Mounting Plate 19“



DMP1914



DMP1914



DMP1914

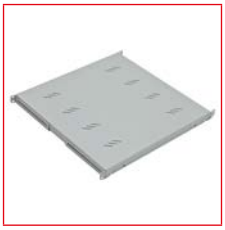


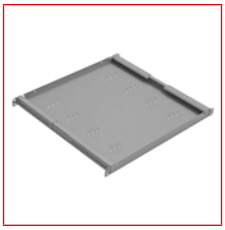
DMP1914

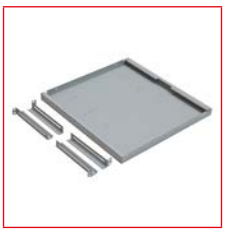
| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Mounting Plate 19"** | | |
| 19" mounting plate, 14U, sheet steel, perforated, including screws and cage nuts | | DMP1914 |

# Shelves

## Shelves Fixed 19"


DFS14845-C


DFS14845-C


DFS14845-C

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035 | | **DFS14815-C** |
| 19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035 | | **DFS14825-C** |
| 19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035 | | **DFS14835-C** |
| 19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035 | | **DFS14845-C** |
| 19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035 | | **DFS14855-C** |
| 19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035 | | **DFS14865-C** |
| 19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035 | | **DFS14875-C** |
| 19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035 | | **DFS14885-C** |
| 19" Shelf Fix, up to 80kg Load, D=950mm, 1U, RAL7035 | | **DFS14895-C** |

## Shelves Fixed Low Profile 19"


DFS14845-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035 | | **DFS14815-A** |
| 19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035 | | **DFS14825-A** |
| 19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035 | | **DFS14835-A** |
| 19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035 | | **DFS14845-A** |
| 19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035 | | **DFS14855-A** |
| 19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035 | | **DFS14865-A** |
| 19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035 | | **DFS14875-A** |

## Shelves Fixed Heavy Duty 19"


DFSS4865-A

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035 | | **DFSS4845-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035 | | **DFSS4855-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035 | | **DFSS4865-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035 | | **DFSS4875-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035 | | **DFSS4885-A** |
| 19" Shelf Fix, Heavy Duty up to 150kg Load, D=950mm, 1U, RAL7035 | | **DFSS4895-A** |

## Shelves Sliding 19"


DFA14845

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035 | | **DFA14835** |
| 19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035 | | **DFA14845** |
| 19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035 | | **DFA14855** |
| 19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035 | | **DFA14865** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Shelf for Keyboard 19"



DFK24837

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035 | | **DFK24837** |

## Shelf for Documents 19"



DFA24835

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035 | | **DFA24835** |

## Shelf Holders



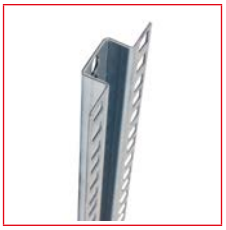
DFSZDS01

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures | | **DFSZDS01** |
| 19 " Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure | | **DFSZDS02** |
| 19" Shelf holder for back of DW-enclosure with fixed sidepanel | | **DFSZDW01** |

## Profile Rails

### Profile Rails Vertical


DSPROF42


DSPROFMI42


DSPROFNU

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Profile rail 6U for DW-enclosures | | DWPROF06 |
| 19" Profile rail 9U for DW-enclosures | | DWPROF09 |
| 19" Profile rail 12U for DW-enclosures | | DWPROF12 |
| 19" Profile rail 15U for DS-, DSZ-, DSI- and DW-enclosures | | **DSPROF15** |
| 19" Profile rail 18U for DS-, DSZ-, DSI- and DW-enclosures | | **DSPROF18** |
| 19" Profile rail 21U for DW-enclosures | | DWPROF21 |
| 19" Profile rail 22U for DS-, DSZ- and DSI-enclosures | | DSPROF22 |
| 19" Profile rail 27U for DS-, DSZ- and DSI-enclosures | | DSPROF27 |
| 19" Profile rail 32U for DS-, DSZ- and DSI-enclosures | | DSPROF32 |
| 19" Profile rail 37U for DS-, DSZ- and DSI-enclosures | | DSPROF37 |
| 19" Profile rail 42U for DS-, DSZ- and DSI-enclosures | | **DSPROF42** |
| 19" Profile rail 45U for DS-, DSZ- and DSI-enclosures | | DSPROF45 |
| 19" Profile rail for installation in Middle, 42U for DS-, DSZ- and DSI-enclosures | | **DSPROFMI42** |
| Numbering Stripe Pair self adhesive, 1 to 47U | | DSPROFNU |

## Heavy Duty Rails


DBP10080

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Mounting Angle Pair for 600 deep DS/DSZ/DSI-enclosures, D=380mm | | **DBP10060** |
| Mounting Angle Pair for 800 deep DS/DSZ/DSI-enclosures, D=580mm | | **DBP10080** |
| Mounting Angle Pair for 900 deep DS/DSZ/DSI-enclosures, D=680mm | | DBP10090 |
| Mounting Angle Pair for 1.000 deep DS/DSZ/DSI-enclosures, D=780mm | | **DBP10100** |

## Fan Units

### Fan Units 19"


DLT24802


DLT24804

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Fan-unit with 2 fans and thermostat, 2U, RAL7035 | | **DLT24802** |
| 19" Fan-unit with 4 fans and thermostat, 2U, RAL7035 | | **DLT24804** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

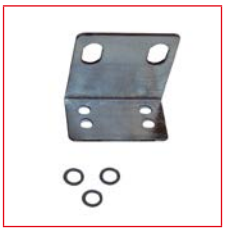
# Light Units

## Light Units


DV900330-A


DV900336-A


ACDSW010


DSADA001


DV900332

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Light unit, Installation on 19"-rails, by magnet or screwing | | **DV900330-A** |
| Light unit LED, 945lm, Installation on 19"-rails,magnet or screwing, Energyefficiencyclass A | | **DV900336-A** |
| Door switch plastic IP65 | | **ACDSW010** |
| Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ACDSW010 | | **DSADA001** |
| Cable for doorswitch in DS/DSZ/DSS-enclosures | | **DV900332** |

## Light Units with Connection to Door Contact


DV900337


DV900338

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Light unit LED, 315lm, magnet, external PSU 230VAC, without door-contact | | **DV900337** |
| 19" cover/holder for LED lighting unit DV900337, 1U, RAL7035 | | DV900338 |

# Data Enclosures

## Light Units without Connection to Door Contact



IU008508



DV900300

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Compact cabinet light with magnetic fastening, socket and cover | | IU008508 |
| Connection cable for IU008508 and IU008513, 3x0.75 mm², length 3 m, black | | DV900300 |

## DIN-Rail

### DIN-Rail Panels



DAB34810



DAB34811



HSERH010GS



HSERH010GS

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" module rack with DIN rail, 3RU, 22HP, RAL7035 | | DAB34810 |
| 19" DIN-rail panel with back-cover, 3U, RAL7035 | | DAB34811 |
| DIN rail adaptor empty for 1 module (SFA)(SFB) | | HSERH010GS |

## Pouch



ASDRA400

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| Document pocket, self-adhesive, DIN A4 | | ASDRA400 |

## Other Accessories


DSSRA004


DV900333


DV900334


DSR00005-A


HDZS0010


HDZHI001

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| 19" Mounting set M6, 4 pcs. each: screw, nut, washer | | **DSSRA004** |
| 19" Mounting set M6, 50 pcs. each: screw, nut, washer | | **DSSRA050** |
| Half cylinder lock keyed EK 333 including 1 key | | **DV900333** |
| Key 333 for half cylinder lock DV900333 | | **DV900334** |
| Half cylinder lock different keyed including 1 key | | **DV900335** |
| Connection-Kit for joining together DS/DSZ- enclosures | | **DSRA0002** |
| Castors (2 with brake, 2 without brake) for DS/DSZ/DSI-enclosure up to 800kg Load | | **DSR00005-A** |
| Swinghandle prepared for halfcylinder for DS/DSZ-enclosure | | HDZS0010 |
| Door Hinge for Network enclosure DS, DSZ or DW, letft or right side useable, max. 15kg | | **HDZHI001** |

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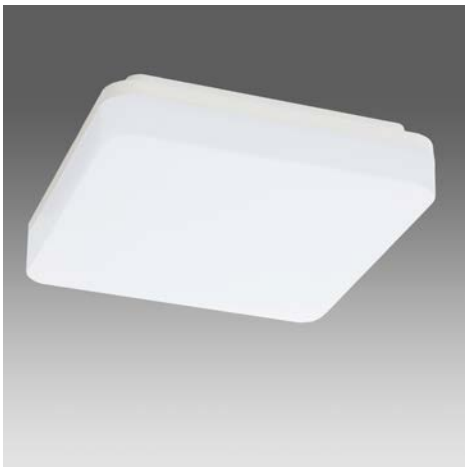
## LED Panels



## Wall and Ceiling Luminaires



## Downlights



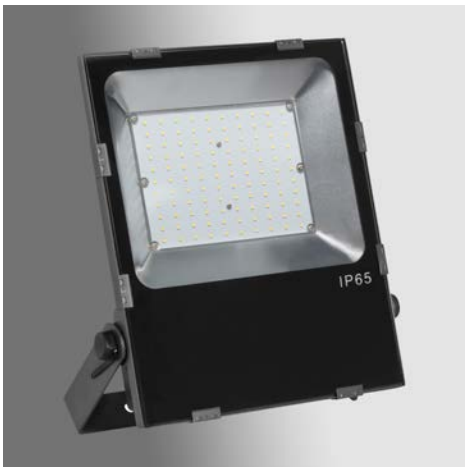
## Pendant Luminaires



## Industrial Luminaires



## Floodlights



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Indoor and Outdoor Luminaires series Trinity

Index

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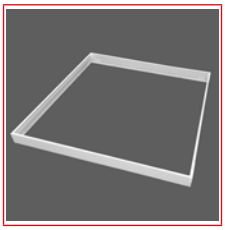
Outdoor Luminaires series Trinity ..... Page 358

## LED Recessed Ceiling Luminaires

### LED Panels Series LANO 4, Module M600 and M625


LITP0008


LITP0012


LITP0026


LITP0024

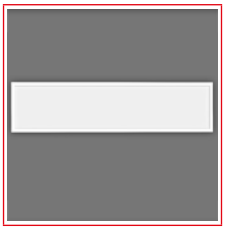

LITP0029

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **M600** | | | |
| Lano 4 LED, 40W, 4000lm, 830, 1000mA, M600, opal cover | 595x595x10 | | **LITP0012** |
| Lano 4 LED, 40W, 4000lm, 840, 1000mA, M600 opal cover | 595x595x10 | | **LITP0013** |
| **M625** | | | |
| Lano 4 LED, 40W, 4000lm, 830, 1000mA, M625, opal cover | 620x620x10 | | **LITP0008** |
| Lano 4 LED 40W, 4000lm, 840, 1000mA, M625, opal cover | 620x620x10 | | **LITP0009** |
| **Driver** | | | |
| LED Driver, 40W, 1000mA, On/Off, flickerfree for Series Lano 4 LED | 40x120x30 | | **LITP0028** |
| LED DALI Driver 40W, 1000mA, dimmable, Dali and Push dimm, flickerfree, for Series Lano 4 LED | 85x130x32 | | **LITP0031** |
| **M600** | | | |
| Lano 4 LED, 33W, 3960lm, 830, 850mA, M600, UGR<19, microprism cover | 595x595x10 | | **LITP0014** |
| Lano 4 LED, 33W, 3960lm, 840, 850mA, M600, UGR<19, microprism cover | 595x595x10 | | **LITP0015** |
| **M625** | | | |
| Lano 4 LED, 33W, 3960lm, 830, 850mA, M625, UGR<19, microprism cover | 620x620x10 | | **LITP0010** |
| Lano 4 LED, 33W, 3960lm, 840, 850mA, M625, UGR<19, microprism cover | 620x620x10 | | **LITP0011** |
| **Driver** | | | |
| LED Driver, 33W, 850mA, On/Off, flickerfree, for Series Lano 4 LED | 40x120x30 | | **LITP0029** |
| LED DALI Driver, 33W, 850mA, dimmable, Dali and Push dimm, flickerfree for Series Lano 4 LED | 85x130x32 | | **LITP0030** |
| **Accessories for Series LANO 4 LED, Module M600 and M625** | | | |
| Ceiling Mounting Frame for LED Panels series Lano 4, M600 | 600x600x45 | | **LITP0026** |
| Suspension kit for LED Panels series Lano 4 LED | | | **LITP0024** |
| Mounting spring kit (4 pieces) for LED Panels series Lano 4 LED for M600 | | | **LITP0025** |
| LED Driver, 40W, 1000mA, On/Off, flickerfree for Series Lano 4 LED | 40x120x30 | | **LITP0028** |
| LED Driver, 33W, 850mA, On/Off, flickerfree, for Series Lano 4 LED | 40x120x30 | | **LITP0029** |
| LED DALI Driver, 33W, 850mA, dimmable, Dali and Push dimm, flickerfree for Series Lano 4 LED | 85x130x32 | | **LITP0030** |
| LED DALI Driver 40W, 1000mA, dimmable, Dali and Push dimm, flickerfree, for Series Lano 4 LED | 85x130x32 | | **LITP0031** |
| 3-way connection box, IP20, Quick Fix | 66x38x25 | | **LID15379** |
| Emergency LED module 3H for LED Panel Lano 4, 30-40W | 300x100x30 | | **LITP0032** |

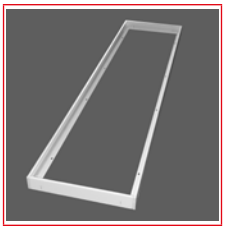


**Order no. blue:** on stock, usually ready for delivery on the day of order

## LED Panel Series LANO 4, Module M1200 and M1250


LITP0020


LITP0022


LITP0027


LITP0024


LITP0030

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **M1200** | | | |
| Lano 4 LED, 40W, 4000lm, 830, 1000mA, M1200, opal cover | 1195x295x10 | | **LITP0020** |
| Lano 4 LED, 40W, 4000lm, 840, 1000mA, M1200, opal cover | 1195x295x10 | | **LITP0021** |
| **M1250** | | | |
| Lano 4 LED, 40W, 4000lm, 830, 1000mA, M1250, opal cover | 1245x310x10 | | **LITP0016** |
| Lano 4 LED, 40W, 4000lm, 840, 1000mA, M1250, opal cover | 1245x310x10 | | **LITP0017** |
| Lano 4 LED, 40W, 4000lm, 830, 1000mA, M1250, opal cover | 1250x310x10 | | **LITP0016-A** |
| Lano 4 LED, 40W, 4000lm, 840, 1000mA, M1250, opal cover | 1250x310x10 | | **LITP0017-A** |
| **Driver** | | | |
| LED Driver, 40W, 1000mA, On/Off, flickerfree for Series Lano 4 LED | 40x120x30 | | **LITP0028** |
| LED DALI Driver 40W, 1000mA, dimmable, Dali and Push dimm, flickerfree, for Series Lano 4 LED | 85x130x32 | | **LITP0031** |
| **M1200** | | | |
| Lano 4 LED, 33W, 3960lm, 830, 850mA, M1200, UGR<19, microprism cover | 1195x295x10 | | **LITP0022** |
| Lano 4 LED, 33W, 3960lm, 840, 850mA, M1200, UGR<19, microprism cover | 1195x295x10 | | **LITP0023** |
| **M1250** | | | |
| Lano 4 LED, 33W, 3960lm, 830, 850mA M1250 UGR<19 microprism cover | 1245x310x10 | | **LITP0018** |
| Lano 4 LED, 33W, 3960lm, 840, 850mA, M1250, UGR<19, microprism cover | 1245x310x10 | | **LITP0019** |
| Lano 4 LED, 33W, 3960lm, 830, 850mA M1250 UGR<19 microprism cover | 1250x310x10 | | **LITP0018-A** |
| Lano 4 LED, 33W, 3960lm, 840, 850mA, M1250, UGR<19, microprism cover | 1250x310x10 | | **LITP0019-A** |
| **Driver** | | | |
| LED Driver, 33W, 850mA, On/Off, flickerfree, for Series Lano 4 LED | 40x120x30 | | **LITP0029** |
| LED DALI Driver, 33W, 850mA, dimmable, Dali and Push dimm, flickerfree for Series Lano 4 LED | 85x130x32 | | **LITP0030** |
| **Accessories for Series LANO 4 LED Module M1200 and M1250** | | | |
| Ceiling Mounting Frame for LED Panels series Lano 4, M1200 | 300x1200x45 | | **LITP0027** |
| Suspension kit for LED Panels series Lano 4 LED | | | **LITP0024** |
| LED Driver, 40W, 1000mA, On/Off, flickerfree for Series Lano 4 LED | 40x120x30 | | **LITP0028** |
| LED Driver, 33W, 850mA, On/Off, flickerfree, for Series Lano 4 LED | 40x120x30 | | **LITP0029** |
| LED DALI Driver, 33W, 850mA, dimmable, Dali and Push dimm, flickerfree for Series Lano 4 LED | 85x130x32 | | **LITP0030** |
| LED DALI Driver 40W, 1000mA, dimmable, Dali and Push dimm, flickerfree, for Series Lano 4 LED | 85x130x32 | | **LITP0031** |
| 3-way connection box, IP20, Quick Fix | 66x38x25 | | **LID15379** |
| Emergency LED module 3H for LED Panel Lano 4, 30-40W | 300x100x30 | | **LITP0032** |



NOVAMAT Quality and Safety from one source
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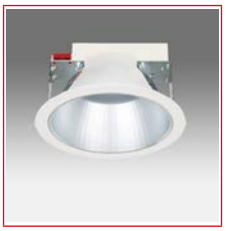
## Recessed Ceiling Downlights for Compact Fluorescent Lamps

### Downlights Series SEGON LED


LIG3100001

| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **ECG, Protection Class 1, IP20/44** | | | |
| SEGON LED, 18W ED, 1900lm, 830, MAT, IP44, UGR <19, 70°, white | 240x140 | | **LIG3100005** |
| SEGON LED, 18W ED, 1900lm, 840, MAT, IP44, UGR <19, 70°, white | 240x140 | | **LIG3100006** |
| SEGON LED, 24W, ED, 2500lm, 830, MAT, IP44, 70°, white, GEN.2 | 240x140 | | **LIG3100007** |
| SEGON LED, 24W, ED, 2500lm, 840, MAT, IP44, 70°, white, GEN.2 | 240x140 | | **LIG3100008** |
| **ECG, Protection Class 2, IP20/44** | | | |
| SEGON LED, 44W, ED, 3950lm, 830, MAT, IP44, 70°, white, GEN.2 | 240x136 | | LIG3100058 |
| SEGON LED, 44W, ED, 4100lm, 840, MAT, IP44, 70°, white, GEN.2 | 240x136 | | LIG3100059 |
| **DALI, Protection Class 1, IP20/44** | | | |
| SEGON LED, 20W DALI, 1900lm, 830, MAT, IP44, UGR<19, 70°, white, GEN.2 | 240x105 | | LIG3100037 |
| SEGON LED, 20W DALI, 1900lm, 840, MAT, IP44, UGR<19, 70°, white, GEN.2 | 240x105 | | LIG3100038 |
| SEGON LED, 26W, DALI, 2700lm, 830, MAT, IP44, 70°, white, GEN.2 | 240x105 | | **LIG3100039** |
| SEGON LED, 26W, DALI, 2700lm, 840, MAT, IP44, 70°, white, GEN.2 | 240x105 | | **LIG3100040** |
| **ECG, with Emergency Lighting 3H, SK 1, IP20/44** | | | |
| SEGON LED, 20W ED, 1900lm, 830, 3h, M MAT, IP44, UGR <19, 70°, white | 240x110 | | LIG100029B |
| SEGON LED, 20W ED, 1900lm, 840, 3h, M MAT, IP44, UGR <19, 70°, white | 240x110 | | LIG100030B |
| SEGON LED, 26W, ED, 2500lm, 830, 3h, M MAT, IP44, 70°, white, GEN.2 | 240x110 | | LIG100031B |
| SEGON LED, 24W, ED, 2500lm, 840, 3h, M MAT, IP44, 70°, white, GEN.2 | 240x110 | | LIG100032B |

### Downlights Series SEGON BASIC LED


LIIM0009

| DESCRIPTION | ØXH MM | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|---|
| **Luminaires** | | | | |
| Segon Basic 35W, Tri-white, 3000K=2870lm, 4000K=3150lm, 6500K=3150lm, UGR<19, 230V, 60°, ECG IP20 white | 232x113 | | | **LIIM0009** |
| Segon Basic 20W, Tri-white, 3000K=1640lm, 4000K=1800lm, 6500K=1800lm UGR<19 230V, 60° ECG IP20 white | 174x89 | | | **LIIM0011** |
| **DALI Drivers dimmable** | | | | |
| Driver for Segon Basic, 20W, Dali dimmable, flicker-free | | 150x47x20 | | **LIIM0022** |
| Driver for Segon Basic, 35W, Dali dimmable, flicker-free | | 123x80x20 | | **LIIM0023** |

### Downlights Series SEGON ECO LED


LIIM0017

| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Luminaires** | | | |
| Segon Eco 7W, Tri-white, 3000K=560lm, 4000K=590lm, 6500K=590lm, 230V, 90°, ECG, white | 95x58 | | **LIIM0017** |
| Segon Eco 9W, Tri-white, 3000K=750lm, 4000K=800lm, 6500K=800lm, 230V, 90°, ECG, white | 113x58 | | **LIIM0018** |
| Segon Eco 14W, Tri-white, 3000K=1200lm, 4000K=1260lm, 6500K=1260lm, 230V, 90°, ECG, white | 145x66 | | **LIIM0019** |
| Segon Eco 17W, Tri-white, 3000K=1450lm, 4000K=1530lm, 6500K=1530lm, 230V, 90°, ECG, white | 174x69 | | **LIIM0020** |
| Segon Eco 25W, Tri-white, 3000K=2330lm, 4000K=2450lm, 6500K=2450lm, 230V, 90°, ECG, white | 244x84 | | **LIIM0021** |



**Order no. blue:** on stock, usually ready for delivery on the day of order

## Downlights Series SEGON LED, Material: Enclosures Aluminum, Reflector Aluminum, Matt, faceted, Color: White



LIG3100106

| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Reflector - Aluminum Mat** | | | |
| Segon M LED 170 ECO, 13W, 1000lm, 830 ECG, IP20/44, white | 170x90 | | LIG3100106 |
| Segon M LED 170 ECO, 13W, 1100lm, 840 ECG, IP20/44, white | 170x90 | | **LIG3100107** |
| Segon M LED 170 ECO, 20W, 1700lm, 830 ECG, IP20/44, white | 170x90 | | LIG3100108 |
| Segon M LED 170 ECO, 20W, 1800lm, 840 ECG, IP20/44, white | 170x90 | | **LIG3100109** |
| **Reflector - White** | | | |
| Segon W LED 170 ECO, 13W, 950lm, 830, ECG, IP20/44, white | 170x90 | | **LIG3100102** |
| Segon W LED 170 ECO, 13W, 1050lm, 840 ECG, IP20/44, white | 170x90 | | **LIG3100103** |
| Segon W LED 170 ECO, 20W, 1650lm, 830 ECG, IP20/44, white | 170x90 | | **LIG3100104** |
| Segon W LED 170 ECO, 20W, 1750lm, 840 ECG, IP20/44, white | 170x90 | | **LIG3100105** |

## Recessed Ceiling Spotlights for LED, Low and High Voltage

### LED Spotlight Series PIKO LED, Material: Plastic, swivelling, IP20, Color: White



LIIM0014

| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Luminaires** | | | |
| Piko LED, 6,5W, 550lm, 3000K, 230V, 40°, white | 85x44 | | **LIIM0014** |
| Piko LED, 10W, 950lm, 3000K, 230V, TRIAC, 40°, white | 105x71 | | **LIIM0016** |

## LED Surface-mounted and Pendant Luminaires

### Surface-mounted Luminaires Series ELEGANCE LONG LED, Material: Plastic


LILE0049


LILE0050

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Surface-mounted Luminaires Series Elegance Long LED, Material Plastic** | | | |
| Elegance Long LED, 37W, 3700lm, 3000K, Triac Dim, IP44, white | 1200x130x55 | | **LILE0049** |
| Elegance Long LED, 37W, 3700lm, 3000K, Triac Dim, IP44, silver | 1200x130x55 | | **LILE0050** |
| Elegance Long LED, 37W, 3700lm, 4000K, Triac Dim, IP44, white | 1200x130x55 | | **LILE0051** |
| Elegance Long LED, 37W, 3700lm, 4000K, Triac Dim, IP44, silver | 1200x130x55 | | **LILE0052** |

### Surface-mounted Luminaires Series ELEGANCE PENDANT LED, Material: Fitting Aluminium and Plastic, Cover: PMMA Opal


LILE0053

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Pendant Luminaires Series ELEGANCE PENDANT LED** | | | |
| Elegance Pendant 120, 37W, 3700lm, 3000K, Triac, IP20, white | 1200x130x55 | | **LILE0053** |
| Elegance Pendant 120, 37W, 3700lm, 4000K, Triac, IP20, white | 1200x130x55 | | **LILE0054** |

### Wall and Ceiling Luminaires Series ELEGANCE LONG LED


LILE0049


LILE0050

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Dimmable** | | | |
| Elegance Long LED, 37W, 3700lm, 3000K, Triac Dim, IP44, white | 1200x130x55 | | **LILE0049** |
| Elegance Long LED, 37W, 3700lm, 3000K, Triac Dim, IP44, silver | 1200x130x55 | | **LILE0050** |
| Elegance Long LED, 37W, 3700lm, 4000K, Triac Dim, IP44, white | 1200x130x55 | | **LILE0051** |
| Elegance Long LED, 37W, 3700lm, 4000K, Triac Dim, IP44, silver | 1200x130x55 | | **LILE0052** |

### Recessed- and pendant Luminaires Series OFFICE LED, Material: Aluminum, Color: anodized, 4000K, l=1,5m


LI38OF0050

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Ceiling Luminaires** | | | |
| Office LED D 38W, 4000K, 4864lm, ECG, anodized | 1500x150x60 | | **LI38OF0050** |
| Office LED D, 38W, 4000K, 4864lm, DALI, anodized | 1500x150x60 | | LI38OF0051 |
| **Pendant Luminaries** | | | |
| Office LED D/I, 75W, 4000K, 10000lm, ECG anodized | 1500x150x60 | | **LI38OF0060** |
| Office LED D/I, 75W, 4000K, 10000lm, DALI, anodized | 1500x150x60 | | LI38OF0061 |

## Surface-mounted Luminaires Series SALENA LED



LIG6100132

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Aluminum Louvre Matt** | | | |
| SALENA LED, 29W, 3150lm, 830 MAT ECG, UGR<17, IP20, white | 600x325x65 | | LIG6100132 |
| SALENA LED, 29W, 3200lm, 840 MAT ECG, UGR<17, IP20, white | 600x325x65 | | LIG6100133 |
| SALENA LED, 38W, 4200lm, 830 MAT ECG, UGR<17, IP20, white | 600x325x65 | | LIG6100134 |
| SALENA LED, 38W, 4300lm, 840 MAT ECG, UGR<17, IP20, white | 600x325x65 | | LIG6100135 |
| **Aluminum Louvre White** | | | |
| SALENA LED, 29W, 3200lm, 830 ECG, UGR<17, IP20, white | 600x325x65 | | LIG6100136 |
| SALENA LED, 29W, 3250lm, 840 ECG, UGR<17, IP20, white | 600x325x65 | | LIG6100137 |
| SALENA LED, 38W, 4250lm, 830 ECG, UGR<17, IP20, white | 600x325x65 | | LIG6100138 |
| SALENA LED, 38W, 4350lm, 840 ECG, UGR<17, IP20; white | 600x325x65 | | LIG6100139 |

## Surface-mounted Luminaires Series SALENA SARM LED, Material: Steel Sheet, Matter parabolic Louvre, Color: White RAL 9003, IP20



LI99001714

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Luminaires with ECG** | | |
| SARM LED, 21W, 4000K, 2350lm, Ra>80, white, ECG | | LI99001673 |
| SARM LED, 21W, 3000K, 2250lm, Ra>80, white, ECG | | LI99001674 |
| SARM LED, 49W, 4000K, 6100lm, Ra>80, white, ECG |  | **LI99001675** |
| SARM LED, 49W, 3000K, 5600lm, Ra>80, white, ECG | | LI99001676 |
| SARM LED, 42W, 4000K, 5350lm, Ra>80, white, ECG | | LI99001677 |
| SARM LED, 42W, 3000K, 5100lm, Ra>80, white, ECG |  | **LI99001678** |
| SARM LED, 56W, 4000K, 7050lm, Ra>80, white, ECG | | LI99001679 |
| SARM LED, 56W, 3000K, 6700lm, Ra>80, white, ECG | | LI99001680 |
| **Luminaires with DALI** | | |
| SARM LED, 21W, 4000K, 2350lm, Ra>80, white, DALI | | LI99001681 |
| SARM LED, 21W, 3000K, 2250lm, Ra>80, white, DALI | | LI99001682 |
| SARM LED, 49W, 4000K, 5850lm, Ra>80, white, DALI | | LI99001683 |
| SARM LED, 49W, 3000K, 5600lm, Ra>80, white, DALI | | LI99001684 |
| SARM LED, 42W, 4000K, 5350lm, Ra>80, white, DALI | | LI99001685 |
| SARM LED, 42W, 3000K, 5100lm, Ra>80, white, DALI | | LI99001686 |
| SARM LED, 56W, 4000K, 7050lm, Ra>80, white, DALI |  | **LI99001687** |
| SARM LED, 56W, 3000K, 6700lm, Ra>80, white, DALI | | LI99001688 |
| **Accessories** | | |
| Cord suspension set with square ceiling rose für SARM LED, white | | LI99001721 |
| Cord suspension set with round ceiling rose für SARM LED, white | | LI99001722 |

## Surface-mounted Luminaires for Continuous Row Installation, Series SALENA SARM LED LINE, Material: Steel Sheet, Matter parabolic Louvre, Color: White RAL 9003, IP20



LI99001689

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Luminaires with ECG** | | |
| SARM-LINE F-LED, 21W, 4000K, 2350lm, Ra>80, white, ECG | | LI99001689 |
| SARM-LINE T-LED, 21W, 4000K, 2350lm, Ra>80, white, ECG | | LI99001690 |
| SARM-LINE L-LED, 21W, 4000K, 2350lm, Ra>80, white, ECG | | LI99001691 |
| SARM-LINE F-LED, 42W, 4000K, 5350lm, Ra>80, white, ECG | | LI99001692 |
| SARM-LINE T-LED, 42W, 4000K, 5350lm, Ra>80, white, ECG | | LI99001693 |
| SARM-LINE L-LED, 42W, 4000K, 5350lm, Ra>80, white, ECG | | LI99001694 |
| **Luminaires with DALI** | | |
| SARM-LINE F-LED 118 M, 21W, 4000K, 2350lm, Ra>80, white, DALI | | LI99001695 |
| SARM-LINE T-LED 118 M, 21W, 4000K, 2350lm, Ra>80, white, DALI | | LI99001696 |
| SARM-LINE L-LED 118 M, 21W, 4000K, 2350lm, Ra>80, white, DALI | | LI99001697 |
| SARM-LINE F-LED 118 L, 42W, 4000K, 5350lm, Ra>80, white, DALI | | LI99001698 |
| SARM-LINE T-LED 118 L, 42W, 4000K, 5350lm, Ra>80, white, DALI | | LI99001699 |
| SARM-LINE L-LED 118 L, 42W, 4000K, 5350lm, Ra>80, white, DALI | | LI99001700 |
| **Accessories** | | |
| Seilabhängung without ceiling rose für SAR LED, white | | LI99001723 |

# Wall and Ceiling Luminaires

## Wall and Ceiling Luminaires Series ELEGANCE ROUND-II LED


LILE0001


LILE0002

| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Switchable** | | | |
| Elegance Round II, 15W, 1500lm, 3000K, IP44, white | 220x50 | | LILE0001 |
| Elegance Round II, 15W, 1500lm, 3000K, IP44, silver | 220x50 | | LILE0002 |
| Elegance Round II, 15W, 1500lm, 4000K, IP44, white | 220x50 | | LILE0003 |
| Elegance Round II, 15W, 1500lm, 4000K, IP44, silver | 220x50 | | LILE0004 |
| **Dimmable** | | | |
| Elegance Round II, 15W, 1500lm, 3000K, Triac, IP44, white | 220x50 | | LILE0005 |
| Elegance Round II, 15W, 1500lm, 3000K, Triac, IP44, silver | 220x50 | | LILE0006 |
| Elegance Round II, 15W, 1500lm, 4000K, Triac, IP44, white | 220x50 | | LILE0007 |
| Elegance Round II, 15W, 1500lm, 4000K, Triac, IP44, silver | 220x50 | | LILE0008 |

## Wall and Ceiling Luminaires Series ELEGANCE ROUND-III LED


LILE0009


LILE0010

| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Switchable** | | | |
| Elegance Round III, 27W, 2800lm, 3000K, IP20, white | 270x44 | | LILE0009 |
| Elegance Round III, 27W, 2800lm, 3000K, IP20, silver | 270x44 | | LILE0010 |
| Elegance Round III, 27W, 2800lm, 4000K, IP20, white | 270x44 | | LILE0011 |
| Elegance Round III, 27W, 2800lm, 4000K, IP20, silver | 270x44 | | LILE0012 |
| **Dimmable** | | | |
| Elegance Round III, 27W, 2800lm, 3000K, Triac, IP20, white | 270x44 | | LILE0013 |
| Elegance Round III, 27W, 2800lm, 3000K, Triac, IP20, silver | 270x44 | | LILE0014 |
| Elegance Round III, 27W, 2800lm, 4000K, Triac, IP20, white | 270x44 | | LILE0015 |
| Elegance Round III, 27W, 2800lm, 4000K, Triac, IP20, silver | 270x44 | | LILE0016 |
| **Sensor** | | | |
| Elegance Round III, 27W, 2800lm, 3000K, Sensor, IP20, white | 270x44 | | LILE0017 |
| Elegance Round III, 27W, 2800lm, 3000K, Sensor, IP20, silver | 270x44 | | LILE0018 |
| Elegance Round III, 27W, 2800lm, 4000K, Sensor, IP20, white | 270x44 | | LILE0019 |
| Elegance Round III, 27W, 2800lm, 4000K, Sensor, IP20, silver | 270x44 | | LILE0020 |

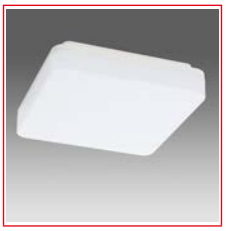
## Wall and Ceiling Luminaires Series ELEGANCE ROUND-IV LED

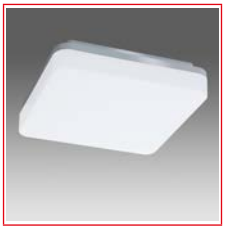

LILE0021


LILE0022

| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Dimmable** | | | |
| Elegance Round IV, 37W, 3700lm, 3000K, Triac, IP20, white | 400x63 | | LILE0021 |
| Elegance Round IV, 37W, 3700lm, 3000K, Triac, IP20, silver | 400x63 | | LILE0022 |
| Elegance Round IV, 37W, 3700lm, 4000K, Triac, IP20, white | 400x63 | | LILE0023 |
| Elegance Round IV, 37W, 3700lm, 4000K, Triac, IP20, silver | 400x63 | | LILE0024 |

## Wall and Ceiling Luminaires Series ELEGANCE SQUARE II LED


LILE0025


LILE0026

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Switchable** | | | |
| Elegance Square II, 15W, 1500lm, 3000K, IP44, white | 210x210x50 | | LILE0025 |
| Elegance Square II, 15W, 1500lm, 3000K, IP44, silver | 210x210x50 | | LILE0026 |
| Elegance Square II, 15W, 1500lm, 4000K, IP44, white | 210x210x50 | | LILE0027 |
| Elegance Square II, 15W, 1500lm, 4000K, IP44, silver | 210x210x50 | | LILE0028 |
| **Dimmable** | | | |
| Elegance Square II, 15W, 1500lm, 3000K, Triac, IP44, white | 210x210x50 | | LILE0029 |
| Elegance Square II, 15W, 1500lm, 3000K, Triac, IP44, silver | 210x210x50 | | LILE0030 |
| Elegance Square II, 15W, 1500lm, 4000K, Triac, IP44, white | 210x210x50 | | LILE0031 |
| Elegance Square II, 15W, 1500lm, 4000K, Triac, IP44, silver | 210x210x50 | | LILE0032 |

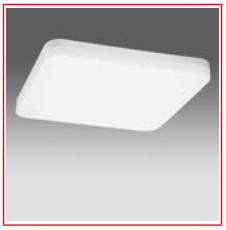
## Wall and Ceiling Luminaires Series ELEGANCE SQUARE III LED


LILE0033


LILE0034

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Switchable** | | | |
| Elegance Square III, 27W, 2800lm, 3000K, IP20, white | 260x260x44 | | LILE0033 |
| Elegance Square III, 27W, 2800lm, 3000K, IP20, silver | 260x260x44 | | LILE0034 |
| Elegance Square III, 27W, 2800lm, 4000K, IP20, white | 260x260x44 | | LILE0035 |
| Elegance Square III, 27W, 2800lm, 4000K, IP20, silver | 260x260x44 | | LILE0036 |
| **Dimmable** | | | |
| Elegance Square III, 27W, 2800lm, 3000K, Triac, IP20, white | 260x260x44 | | LILE0037 |
| Elegance Square III, 27W, 2800lm, 3000K, Triac, IP20, silver | 260x260x44 | | LILE0038 |
| Elegance Square III, 27W, 2800lm, 4000K, Triac, IP20, white | 260x260x44 | | LILE0039 |
| Elegance Square III, 27W, 2800lm, 4000K, Triac, IP20, silver | 260x260x44 | | LILE0040 |
| **Sensor** | | | |
| Elegance Square III, 27W, 2800lm, 3000K, Sensor, IP20, white | 260x260x44 | | LILE0041 |
| Elegance Square III, 27W, 2800lm, 3000K, Sensor, IP20, silver | 260x260x44 | | LILE0042 |
| Elegance Square III, 27W, 2800lm, 4000K, Sensor, IP20, white | 260x260x44 | | LILE0043 |
| Elegance Square III, 27W, 2800lm, 4000K, Sensor, IP20, silver | 260x260x44 | | LILE0044 |

## Wall and Ceiling Luminaires Series ELEGANCE SQUARE IV LED


LILE0045

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Dimmable** | | | |
| Elegance Square IV, 37W, 3700lm, 3000K, Triac, IP20, white | 400x400x63 | | LILE0045 |
| Elegance Square IV, 37W, 3700lm, 3000K, Triac, IP20, silver | 400x400x63 | | LILE0046 |
| Elegance Square IV, 37W, 3700lm, 4000K, Triac, IP20, white | 400x400x63 | | LILE0047 |
| Elegance Square IV, 37W, 3700lm, 4000K, Triac, IP20, silver | 400x400x63 | | LILE0048 |

## Wall and Ceiling Luminaires Series ELEGANCE CARVE LED


LILE0055

| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Dimmable** | | | |
| Elegance Carve, 28W, 2800lm, 3000K, Triac, IP54, white | 350x85 | | LILE0055 |

## Wall and Ceiling Luminaires Series ELEGANCE SPLIT LED


LILE0056

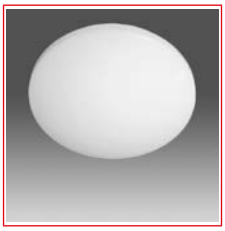
| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Dimmable** | | | |
| Elegance Split, 28W, 2800lm, 3000K, Triac, IP54, white | 350x70 | | **LILE0056** |

## Wall and Ceiling Luminaires Series KARO II LED


LIIM0001

| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **KARO II LED** | | | |
| Karo II LED 12W 1020lm 4000K IP44 230V 120° | 280x95 | | **LIIM0001** |
| Karo II LED 12W 930 3000K IP44 230V 120° | 280x95 | | **LIIM0002** |
| Karo II LED 18W 1530lm 4000K 230V IP44 120° | 360x105 | | **LIIM0003** |
| Karo II LED 18W 1390lm 3000K IP44 230V 120° | 360x105 | | **LIIM0004** |
| **KARO II LED with Sensor** | | | |
| Karo II LED 12W 1020lm 4000K IP44 230V 120°, Sensor | 280x95 | | **LIIM0005** |
| Karo II LED 12W 930lm 3000K IP44 230V 120°, Sensor | 280x95 | | **LIIM0006** |
| Karo II LED 18W 1530lm 4000K IP44 230V 120°, Sensor | 360x105 | | **LIIM0007** |
| Karo II LED 18W 1390lm 3000K IP44 230V 120°, Sensor | 360x105 | | **LIIM0008** |
| **Accessories** | | | |
| Replacement cover for Karo II LED 12W Φ280mm | 280x85 | | **LIIM0026** |
| Replacement cover for Karo II LED 18W Φ360mm | 360x95 | | **LIIM0027** |

## Wall and Ceiling Luminaires Series KARO LED Emergency


LIN1022736

| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Wall and Ceiling Luminaires with Emergency Module Series KARO LED** | | | |
| KARO LED 12W, 3000K, 1020lm, Opal, PMMA, IP44, emergency | 280x95 | | **LIN8006372** |
| KARO LED 12W, 4000K, 1080lm, Opal, PMMA, IP44, emergency | 280x95 | | **LIN8006373** |
| KARO LED 18W, 3000K, 1620lm, Opal, PMMA, IP44, emergency | 360x105 | | **LIN8006374** |
| KARO LED 18W, 4000K, 1700lm, Opal, PMMA, IP44, emergency | 360x105 | | **LIN8006375** |

## Ceiling Luminaires with Motion Detector, Series CAT - MS LED, Luminaire Bottom: Sheet Steel, Satined Cover, Color: White, IP20


LINA000999

| DESCRIPTION | ØXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Luminaires** | | | |
| CAT-MS, E27 A60, 2x25W, 360°, IP20, matt, white | 300x100 | | **LINA000999** |
| CAT-MS LED, 8,5W, 3000K, 375lm, 360°, IP20, matt, white | 300x100 | | **LINA001000** |
| **Recommended Lamp** | | | |
| RL-A60, 7W, 230V, 827, E27 AL 15000h, 806lm, clear | | | **LI42619089** |



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## Wall and Ceiling Luminaries Series OVALIS LED



LIN8005197

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Wall and Ceiling Luminaries Series OVALIS LED** | | | |
| OVALIS LED, 5W, 3000K, 500lm, IP65, opal, white | 171x71x45 | | **LIN8005197** |

## Wall and Ceiling Luminaires Series OVAL, Luminaire Bottom: Plastic, Crystal Glass Clear Inner-prismatic, Protection Cage, Color: White, IP44, SK II



LISO571002

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Luminaires** | | | |
| Oval E27, 60W, IP44, grey with wire guard | 176x122x110 | | **LISO571002** |
| **Recommended Lamp** | | | |
| RL-A60, 7W, 230V, 827, E27 AL 15000h, 806lm, clear | | | **LI42619089** |

## Wall and Ceiling Luminaires Series VERRA LED, Material Aluminum, polycarbonate, Cover Opal, IP44



LIN8006498

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Mirror Luminaires Series VERRA LED** | | | |
| Verra LED 15W, 3000K, 1400lm, Opal, PC, IP44, PC2 with switch | 600x53x65 | | **LIN8006498** |
| Verra LED 15W, 3000K, 1400lm, Opal, PC, IP44, PC1 with switch and Schuko socket | 682x53x65 | | **LIN8006499** |

## Surface-mounted Luminaires Series PRIMOLUX LED, Housing: powder-coated Sheet Steel, Cover: acrylic Glass (PMMA), Color: White, IP44

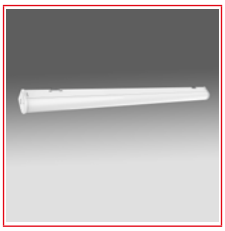


LIG9100040

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **ECG Ballast** | | |
| Primolux LED 1235, 34W, 4500lm, 840 ECG, opal, IP44, white | | **LIG9100036** |
| Primolux LED 1235, 49W, 6650lm, 840 ECG, opal, IP44, white | | LIG9100037 |
| Primolux LED 1535, 53W, 7350lm, 840 ECG, opal, IP44, white | | **LIG9100060** |
| Primolux LED 1535, 65W, 8600lm, 840 ECG, opal, IP44, white | | LIG9100061 |
| **DALI Ballast** | | |
| Primolux LED 1235, 34W, 4500lm, 840 DALI opal, IP44, white | | LIG9100040 |
| Primolux LED 1235, 49W, 6650lm, 840 DALI, opal, IP44, white | | LIG9100041 |
| Primolux LED 1535, 53W, 7350lm, 840 DALI, opal, IP44, white | | LIG9100067 |
| Primolux LED 1535, 65W, 8600lm, 840 DALI, opal, IP44, white | | LIG9100068 |
| **ECG Ballast with 3H Emergency Unit** | | |
| Primolux LED 1235, 38W, 4500lm, 840 ECG, 3h, M opal, IP44, white | | LIG100044B |
| Primolux LED 1235, 53W, 6650lm, 840 ECG, 3h, M opal, IP44, white | | LIG100045B |

## Continuous Row Systems and Batten Luminaires

### Batten Luminaires Series SOLO LED


LIVI0003

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Batten Luminaires Series SOLO LED** | | | |
| Solo LED, 36W, 4000lm, 3000K, Ra>80, IP20, white | 1133x63x76 | | **LIVI0003** |
| Solo LED, 36W, 4000lm, 4000K, Ra>80, IP20, white | 1133x63x76 | | **LIVI0004** |
| Solo LED, 55W, 6000lm, 3000K, Ra>80, IP20, white | 1415x63x76 | | **LIVI0005** |
| Solo LED, 55W, 6000lm, 4000K, Ra>80, IP20, white | 1415x63x76 | | **LIVI0006** |

## Moisture-Proof and Fully Enclosed Diffusor Luminaires

### Diffuser Luminaires Series DEVO LED ECO, Housing polycarbonate Grey, co-extruded, Cover polycarbonate Opal, co-extruded, including through-wiring and easy Connect, IP65


LIVI0001

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Diffuser Luminaires Series DEVO LED ECO** | | | |
| Devo LED Eco, 33W, 3300lm, 4000K, Ra>80, IP65, grey | 1235x60x52 | | **LIVI0001** |
| Devo LED Eco, 51W, 5100lm, 4000K, Ra>80, IP65, grey | 1515x60x52 | | **LIVI0002** |

### Diffuser Luminaires Series DEVO LED PRO, Material: GFRP, Cover: PMMA Opal, Color: Grey, IP65, Class I


LIVB0001

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Diffuser Luminaires Series DEVO LED PRO** | | | |
| Devo LED Pro, 16W, 840 EVG, 1900lm, 230V, IP65, PC I, PMMA | 669x90x95 | | **LIVB0001** |
| Devo LED Pro, 31W, 840 EVG, 4000lm 230V, IP65, PC I, PMMA | 1277x90x95 | | **LIVB0002** |
| Devo LED Pro, 39W, 840 EVG, 5000lm, 230V, IP65, PC I, PMMA | 1577x90x95 | | **LIVB0003** |
| Devo LED Pro, 59W, 840 EVG, 8100lm, 230V, IP65, PC I, PMMA | 1277x116x97 | | **LIVB0004** |
| Devo LED Pro, 73W, 840 EVG, 10200lm, 230V, IP65, PC I, PMMA | 1577x116x97 | | **LIVB0005** |

### Diffuser for Luminaires Series DEVO LED PRO, Material: PMMA Opal


LIVB0006

| DESCRIPTION | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|
| **Diffuser for Luminaires Series Deva LED Pro, Material PMMA Opal** | | | |
| Devo Pro 16W Diffuser PMMA L-669mm | 669x90x45 | | **LIVB0006** |
| Devo Pro 31W Diffuser PMMA L-1277mm | 1277x90x45 | | **LIVB0007** |
| Devo Pro 39W Diffuser PMMA L1577mm | 1577x90x45 | | **LIVB0008** |
| Devo Pro 59W Diffuser PMMA L-1277mm | 1277x116x45 | | **LIVB0009** |
| Devo Pro 73W Diffuser PMMA L-1577mm | 1577x116x45 | | **LIVB0010** |

## Industrial Luminaires

### High-bay Luminaires Series ARKTUR ECO LED, IP65



LITP0001

| DESCRIPTION | ØXH MM | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|---|
| **Luminaires** | | | | |
| Arktur Eco LED, 90W, 840, 12600lm, IP65, 110° | 220x171 | | | **LITP0001** |
| Arktur Eco LED, 180W, 840, 25200lm, IP65, 110° | 330x171 | | | **LITP0002** |
| Arktur Eco LED, 180W, 840, 25200lm, IP65, 90°, PC | 330x171 | | | **LITP0003** |
| Arktur Eco LED, 220W, 840, 30800lm, IP65, 90°, PC | 400x194 | | | **LITP0004** |
| **Mounting Accessories** | | | | |
| Bracket for Series Arktur Eco LED, 90W | | 243x50x170 | | **LITP0005** |
| Bracket for Series Arktur Eco LED, 180W | | 330x50x228 | | **LITP0006** |
| Bracket for Series Arktur Eco LED, 220W | | 400x50x268 | | **LITP0007** |

### High-bay Luminaires Series ARKTUR ROUND-II LED, Material Aluminum, Samsung LED Chips, IP65, RAL9006

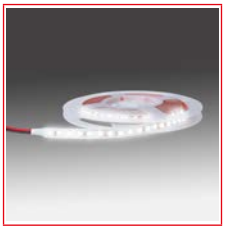


LIHB13000

| DESCRIPTION | ØXH MM | LXWXH MM | AVAILABLE | ORDER NO. |
|---|---|---|---|---|
| **Luminaire** | | | | |
| Arktur Round II 100W, 13000lm, 4000K, 120°, ECG | 380x114 | | | **LIHB13000** |
| Arktur Round II 130W, 17000lm, 4000K, 120°, DALI | 380x114 | | | **LIHB17000** |
| Arktur Round II 157W, 21000lm, 4000K, 120°, DALI | 380x114 | | | **LIHB21000** |
| **Mounting accessory** | | | | |
| Arktur Round mounting bracket for ceiling mounting | | 255x108x110 | | **LIHBMB380** |

## LED Flexstrips

### LED Flexstrips Indoor Series MARRA PRO LED, IP00



LICT1880

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **LED Flexstrip Roll with 5m** | | |
| Marra Pro LED, 14,4W, 1300lm/m, 3000K, Ra>90, 24V, length 5m | | LICT1880 |
| Marra Pro LED, 9,6W, 960lm/m, 3000K, Ra>90, 24V, length 5m | | LICT1881 |
| Marra Pro LED, 14,4W, 1400lm/m, 4000K, Ra>90, 24V, length 5m | | LICT1889 |
| Marra Pro LED, 9,6W, 1000lm/m, 4000K, Ra>90, 24V, length 5m | | LICT1891 |
| **LED Flexstrip Roll with 30m** | | |
| Marra Pro LED ,14,4W, 1300lm/m, 3000K, Ra>90, 24V, length 30m | | LICT1879 |
| Marra Pro LED, 9,6W, 960lm/m, 3000K, Ra>90, 24V, length 30m | | LICT1878 |
| Marra Pro LED, 14,4W, 1400lm/m, 4000K, Ra>90, 24V, length 30m | | LICT1888 |
| Marra Pro LED, 9,6W, 1000lm/m, 4000K, Ra>90, 24V, length 30m | | LICT1890 |
| **Mounting Accessories** | | |
| Connector 2 Pin for Marra Pro (PU with 10 pieces) | | LICT1852 |
| 2 Pin Plug Connector for Marra Pro (PU with 10 pieces) | | LICT1872 |

### LED Power Supply 24V Series TRIDONIC, IP20

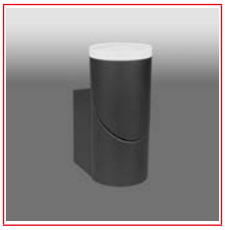


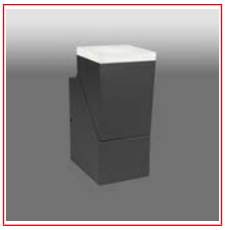
LI87500665

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Switchable** | | |
| LC 60W 24V SC SNC, with strain relief | | LI87500665 |
| LC 100W 24V SC SNC, with strain relief | | LI87500666 |
| **DALI Dimmable** | | |
| LCA 35W 24V one4all SC PRE | | LI28001662 |
| LCA 60W 24V one4all SC PRE | | LI28001663 |
| LCA 100W 24V one4all SC PRE | | LINT244100 |
| LCA 150W 24V one4all SC PRE | | LINT244150 |

# Wall and Ceiling Luminaires

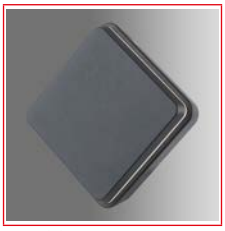
## Flexible Wall and Ceiling Surface-mounted Luminaires Series EVO LED


LIHGWA24


LIHGWA20

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Luminaires without Motion Detector** | | |
| Evo LED Round Up 8W 400lm 3000K IP54 anthracite | | LIHGWA24 |
| Evo LED Round Up/Down 12.5W 750lm 3000K IP54 anthracite | | LIHGWA26 |
| **Luminaires with Motion Detector** | | |
| Evo LED Round Up PIR 8W 400lm 3000K IP54 anthracite | | LIHGWA25 |
| Evo LED Round Up/Down PIR 12.5W 750lm 3000K IP54 anthracite | | LIHGWA27 |
| **Luminaires without Motion Detector** | | |
| Evo LED Square Up 8W 400lm 3000K IP54 anthracite | | LIHGWA20 |
| Evo LED Square Up/Down 12.5W 750lm 3000K IP54 anthracite | | LIHGWA22 |
| **Luminaires with Motion Detector** | | |
| Evo LED Square Up PIR 8W 400lm 3000K IP54 anthracite | | LIHGWA21 |
| Evo LED Square Up/Down PIR 12.5W 750lm 3000K IP54 anthracite | | LIHGWA23 |

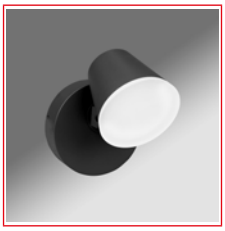
## Flexible Wall-mounted Luminaires Series NIKU LED


LIHGWA13


LIHGWA14

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Wall-mounted Luminaires Series NIKU LED Square** | | |
| Niku LED Square 12W 600lm 3000K IP54 anthracite | | LIHGWA13 |
| **Wall-mounted Luminaires Series NIKU LED Round** | | |
| Niku LED Round 12W 600lm 3000K IP54 anthracite | | LIHGWA14 |

## Flexible Wall Surface-mounted Luminaires Series ZETA LED


LIHGWA28

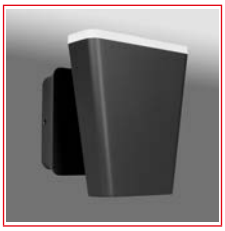

LIHGWA31

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Luminaires without Motion Detector** | | |
| Zeta LED Round Single 12.5W 800lm 3000K IP54 anthracite | | LIHGWA28 |
| Zeta LED Round Double 20W 1300lm 3000K IP54 anthracite | | LIHGWA30 |
| **Luminaires with Motion Detector** | | |
| Zeta LED Round Single PIR 12.5W 800lm 3000K IP54 anthracite | | LIHGWA29 |
| Zeta LED Round Double PIR 20W 1300lm 3000K IP54 anthracite | | LIHGWA31 |
| **Luminaires without Motion Detector** | | |
| Zeta LED Square Single 12.5W 800lm 3000K IP54 anthracite | | LIHGWA32 |
| Zeta LED Square Double 20W 1300lm 3000K IP54 anthracite | | LIHGWA34 |
| **Luminaires with Motion Detector** | | |
| Zeta LED Square Single PIR 12.5W 800lm 3000K IP54 anthracite | | LIHGWA33 |
| Zeta LED Square Double PIR 20W 1300lm 3000K IP54 anthracite | | LIHGWA35 |

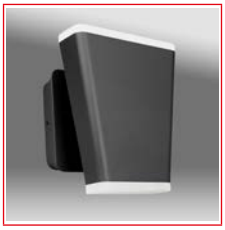


**Order no. blue:** on stock, usually ready for delivery on the day of order

## Flexible Wall Surface-mounted Luminaires Series MIKA LED



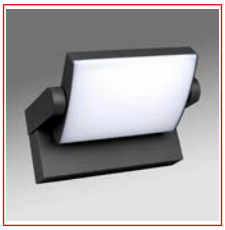
LIHGWA17



LIHGWA18

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Flexible Wall Surface-mounted Luminaires Series MIKA LED** | | |
| Mika LEDWall Up 12.5W 800lm 3000K IP54 anthracite | | **LIHGWA17** |
| Mika LEDWall Up/Down 12.5W 800lm 3000K IP54 anthracite | | **LIHGWA18** |

## Flexible Wall and Ceiling Surface-mounted Luminaires Series ILAS LED



LIHGWA11

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Luminaires without Motion Detector** | | |
| ILAS LED 12.5W 750lm 3000K IP54 anthracite | | **LIHGWA11** |
| **Luminaires with Motion Detector** | | |
| ILAS LED PIR 12.5W 750lm 3000K IP54 anthracite | | **LIHGWA12** |

## Flexible Wall Surface-mounted Luminaires Series LEA LED double



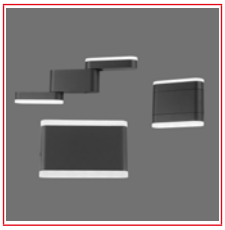
LIHGWA47

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Flexible Wall Surface-mounted Luminaires Series LEA LED Double** | | |
| Lea LED Double 13W 600lm 3000K IP54 anthracite | | **LIHGWA47** |

## Wall-mounted Luminaires Series NAOS LED



LIHGAA03



NAOS LED

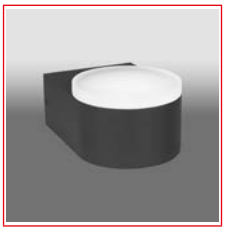
| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Wall-mounted Luminaires Series NAOS LED** | | |
| Naos LED Medium Up/Down 13W 650lm 3000K IP54 anthracite | | **LIHGWA45** |
| Naos LED Large Up/Down 20W 1200lm 3000K IP54 anthracite | | **LIHGWA46** |
| **Flexible Wall-mounted Luminaires Series NAOS LED** | | |
| Naos LED Flex Up/Down 8.5W 550lm 3000K IP54 anthracite | | **LIHGWA01** |



NOVAMAT Quality and Safety from one source
SCHRACK TECHNIK

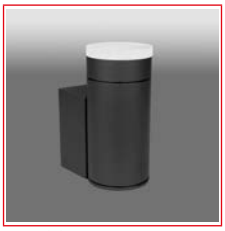
# Outdoor Luminaires series Trinity

## Wall Surface-mounted Luminaires Series ZELDA LED


LIHGWA40

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Wall Surface-mounted Luminaires Series ZELDA LED** | | |
| Zelda LED Medium Up 11W 560lm 3000K IP54 anthracite | | **LIHGWA40** |
| Zelda LED Large Up 11W 560lm 3000K IP54 anthracite | | **LIHGWA41** |
| Zelda LED Medium Up/Down 12.5W 900lm 3000K IP54 anthracite | | **LIHGWA42** |
| **Wall Surface-mounted Luminaires Series ZELDA LED High** | | |
| Zelda LED Medium High Up/Down 12.5W 1000lm 3000K IP54 anthracite | | **LIHGWA43** |
| Zelda LED Medium High Up 11W 650lm 3000K IP54 anthracite | | **LIHGWA44** |

## Wall Surface-mounted Luminaires Series VIDA


LIHGWA36


LIHGWA39

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Wall Surface-mounted Luminaires Series VIDA LED** | | |
| Vida LEDWall Up 8W 300lm 3000K IP54 anthracite | | **LIHGWA36** |
| Vida LEDWall Up/Down 11.5W 560lm 3000K IP54 anthracite | | **LIHGWA37** |
| **Wall Surface-mounted Luminaires Series VIDA GU10** | | |
| Vida GU10Wall Up max. 35W IP54 anthracite | | **LIHGWA38** |
| Vida GU10Wall Up/Down max. 35W IP54 anthracite | | **LIHGWA39** |
| **Bulbs** | | |
| RL-PAR16 80 DIM, 8W, 230V, 36°, 827, 575lm, 1439cd, GU10, 25,000 h | | **LI43319519** |
| RL-PAR16 80 DIM 8 W 230 V 36° 830 575 lm 1439 cd GU10 25,000 h | | **LI43319518** |
| RL-PAR16 80 6.9 W 230 V 36° 840 575 lm 1439 cd GU10 15,000 h | | **LI43019063** |
| RL-PAR16 50 DIM 5,5W 230V 36° 930 350lm 720cd GU10 25000h | | **LI43519194** |
| RL-PAR16 50 DIM 5,5W 230V 36° 927 350lm 720cd GU10 25000h | | **LI43519193** |

## Wall Surface-mounted Luminaires Series ETA LED


LIHGWA19

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Wall Surface-mounted Luminaires Series ETA LED** | | |
| Eta LED Up 12.5W 500lm 3000K IP54 anthracite | | **LIHGWA19** |

## Wall Surface-mounted Luminaires Series LIVA LED


LIHGWA15

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Luminaires without Motion Detector** | | |
| LIVA LED 12.5W 550lm 3000K IP54 anthracite | | **LIHGWA15** |
| **Luminaires with Motion Detector** | | |
| LIVA LED PIR 12.5W 550lm 3000K IP54 anthracite | | **LIHGWA16** |

## Ceiling Luminaires Series ZELDA LED


LIHGAA01

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Ceiling Luminaires Series ZELDA LED Round** | | |
| Zelda LED Round Medium 10W 650lm 3000K IP54 anthracite | | **LIHGAA01** |
| Zelda LED Round Large 12W 740lm 3000K IP54 anthracite | | **LIHGAA02** |
| **Ceiling Luminaires Series ZELDA LED Square** | | |
| Zelda LED Square Medium 10W 650lm 3000K IP54 anthracite | | **LIHGAA03** |
| Zelda LED Square Large 12W 740lm 3000K IP54 anthracite | | **LIHGAA04** |

# Free-Standing and Bollard Luminaires

## Bollard Lights Series ETA LED



LIHGPA04

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Bollard Lights Series ETA LED** | | |
| Eta LED Pole 900 12.5W 500lm 3000K IP54 anthracite | | **LIHGPA04** |

## Floor Lamps Series KAPO LED



LIHGPA01

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Floor Lamps Series KAPO LED** | | |
| Kapo LED Pole 900 20W 1200lm 3000K IP54 anthracite | | **LIHGPA01** |

## Floor Lamps Series MIKA LED

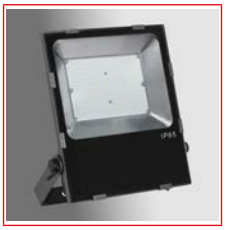


LIHGPA02

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Floor Lamps Series MIKA LED** | | |
| Mika LED Pole Single 900 7.5W 320lm 3000K IP54 anthracite | | **LIHGPA02** |
| Mika LED Pole Double 900 13W 670lm 3000K IP54 anthracite | | **LIHGPA03** |

# Projectors and Floodlights

## Floodlights Series CAPRI LED



LI99001717

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|---|---|
| **Floodlights Series CAPRI LED** | | |
| CAPRI LED SYM 50W 6600lm 5000K IP65 black | | **LI99001717** |
| CAPRI LED SYM 80W 10500lm 5000K IP65 black | | **LI99001718** |
| CAPRI LED SYM 100W 13500lm 5000K IP65 black | | **LI99001719** |
| CAPRI LED SYM 200W 26500lm 5000K IP65 black | | **LI99001720** |
| CAPRI LED SYM 200W 26500lm 5000K IP65 black | | **LI991720-A** |

## Design S1




## Design K2




## Design K3




## Design K4




## Design K5



## Design K5



✓ All items in stock
✓ Attractive prices
✓ Fast delivery




# Emergency Lighting

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Luminaires for Illuminating Escape Routes ..... Page 366

## Exit Sign Luminaires

### Luminaire Design S1 - Viewing Distance 27 m



NLS1W003SC

| DESCRIPTION | BATTERY (V/AH) | ILLUMINANT | AVAILABLE | ORDER NO. |
|---|---|---|---|---|
| **Self-contained Luminaires with Autotest** | | | | |
| Design S1 LED, 3 h battery powered backup time, 230 V AC, surface wall mounting | 4,8/0,8 NiMh | HP-LED (3W) | | NLS1W003SC |
| Design S1 LED, 3 h battery powered backup time, 230 V AC, surface ceiling mounting | 4,8/0,8 NiMh | HP-LED (3W) | | NLS1D003SC |
| **Accessories** | | | | |
| Wall bracket silver for emergency luminaire NLS1D003SC | | | | NLS1AW |
| Recessed mounting frame white for self-contained emergency luminaire NLS1D003SC | | | | NLS1E |
| Design pair of pendants 300 mm silver wired for emergency luminaire NLS1D003SC | | | | NLS12DS |
| Battery 4.8 V 0.8 Ah (NiMh) for self-contained LED luminaires NLK1.., NLK2.., NLK3.., NLS1.. | | | | NLAKKU4808 |

### Luminaire Design K2 - Viewing Distance 27 m



NLK2U003SC

| DESCRIPTION | BATTERY (V/AH) | ILLUMINANT | AVAILABLE | ORDER NO. |
|---|---|---|---|---|
| **Self-contained Luminaires with Autotest** | | | | |
| Design K2 LED, switching option for 3 h, 8 h battery powered backup time, 230 V AC, universal mounting | 4,8/0,8 NiMh | HP-LED (3W) | | NLK2U003SC |
| **Accessories** | | | | |
| Battery 4.8 V 0.8 Ah (NiMh) for self-contained LED luminaires NLK1.., NLK2.., NLK3.., NLS1.. | | | | NLAKKU4808 |
| Wall bracket white for emergency luminaires Design K1, K2 and K3 | | | | NLK1AW |
| Pendants 500 mm white for emergency luminaires Design K1, K2 and K3 | | | | NLK1P105 |
| Recessed mounting frame white for emergency luminaires Design K2 | | | | NLK2E |

### Luminaire Design K4 - Viewing Distance 27 m



NLK4U003

| DESCRIPTION | BATTERY (V/AH) | ILLUMINANT | AVAILABLE | ORDER NO. |
|---|---|---|---|---|
| **Self-contained Luminaires with Integrated Test Switch** | | | | |
| Design K4 LED, 3 h, 230 V AC, universal mounting | 3,6/0,9 NiCd | LED | | NLK4U003 |
| **Accessories** | | | | |
| Recessed mounting frame grey for emergency luminaires Design K4 | | | | NLK4E |
| Accu NiCd 3,6V 0,9Ah for self-contained luminaire NLK4U003-- | 3,6/0,9 NiCd | | | NLAKKU3609 |

## Luminaire Design K3 - Viewing Distance 27 m



NLK3U003SC

| DESCRIPTION | BATTERY (V/AH) | ILLUMINANT | AVAILABLE | ORDER NO. |
|---|---|---|---|---|
| **Self-contained Luminaires with Autotest** | | | | |
| Design K3 LED, switching option for 3 h, 8 h battery powered backup time, 230 V AC, universal mounting | 4,8/0,8 NiMh | HP-LED (3W) | | **NLK3U003SC** |
| **Accessories** | | | | |
| Battery 4.8 V 0.8 Ah (NiMh) for self-contained LED luminaires NLK1.., NLK2.., NLK3.., NLS1.. | | | | **NLAKKU4808** |
| Wall bracket white for emergency luminaires Design K1, K2 and K3 | | | | **NLK1AW** |
| Pendants 500 mm white for emergency luminaires Design K1, K2 and K3 | | | | **NLK1P105** |

## Luminaire Design K5 - Viewing Distance 20 m



NLK5U013SC



NLK5U013SC



NLK5U013SC + NLK5H

| DESCRIPTION | BATTERY (V/AH) | ILLUMINANT | LUMEN | AVAILABLE | ORDER NO. |
|---|---|---|---|---|---|
| **Self-contained Luminaires** | | | | | |
| Design K5 LED, 3 h, 230 V AC, universal mounting, 130 lm, NiCd battery 3.6 V/1.5 Ah, including adhesive pictogram set | 3,6/1,5 NiCd | LED | 130 | | **NLK5U003** |
| **Self-contained Luminaires with Autotest** | | | | | |
| Design K5 LED, 3 h, 230 V AC, universal mounting, 190 lm, NiCd battery 3.6 V/1.8 Ah, including adhesive pictogram set | 3,6/1,8 NiCd | LED | 190 | | **NLK5U013SC** |
| **Accessories** | | | | | |
| Recessed ceiling mounting frame white for emergency luminaires Design K5 | | | | | **NLK5E** |
| Suspension pictogram for emergency luminaires Design K5 with slide-in pictogram set according to ISO 7010 (arrow left, right, up, down and white for single sided use), viewing distance 25 m | | | | | **NLK5H** |
| Adhesive pictogram set for emergency luminaires Design K5 according to ISO 7010 (arrow left, right, up, down), viewing distance 20 m | | | | | **NLK5P** |
| Accu NiCd 3,6V 1,8Ah for self-contained luminaire NLK5U013SC | 3,6/1,8 NiCd | | | | **NLAKKU3618** |
| Accu NiCd 3,6V 1,5Ah for self-contained luminaire NLK5U003-- | 3,6/1,5 NiCd | | | | **NLAKKU3615** |

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## Luminaires for Illuminating Escape Routes

### Luminaire Design K5



NLK5U013SC



NLK5E

| DESCRIPTION | BATTERY (V/AH) | ILLUMINANT | LUMEN | AVAILABLE | ORDER NO. |
|---|---|---|---|---|---|
| **Self-contained Luminaires** | | | | | |
| Design K5 LED, 3 h, 230 V AC, universal mounting, 130 lm, NiCd battery 3.6 V/1.5 Ah, including adhesive pictogram set | 3,6/1,5 NiCd | LED | 130 | | **NLK5U003** |
| **Self-contained Luminaires with Autotest** | | | | | |
| Design K5 LED, 3 h, 230 V AC, universal mounting, 190 lm, NiCd battery 3.6 V/1.8 Ah, including adhesive pictogram set | 3,6/1,8 NiCd | LED | 190 | | **NLK5U013SC** |
| **Accessories** | | | | | |
| Recessed ceiling mounting frame white for emergency luminaires Design K5 | | | | | **NLK5E** |
| Suspension pictogram for emergency luminaires Design K5 with slide-in pictogram set according to ISO 7010 (arrow left, right, up, down and white for single sided use), viewing distance 25 m | | | | | **NLK5H** |
| Adhesive pictogram set for emergency luminaires Design K5 according to ISO 7010 (arrow left, right, up, down), viewing distance 20 m | | | | | **NLK5P** |

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# General Terms of Delivery

**issued by the Austrian Electrical and Electronics Industry Association (FEEI)**

**1. Scope**

1.1. These General Terms shall govern legal transactions between business enterprises, namely the delivery of commodities and, mutatis mutandis, the rendering of services. Software transactions are with precedence governed by the Software Conditions issued by the Austrian Electrical and Electronics Industry Association, assembly work by the Terms and Conditions for Assembly Work issued by the Austrian Power Current and Light Current Engineering Industry and/or (where applicable) the Terms and Conditions for the Assembly of Electrical Equipment used in Medicine issued by the Austrian Electrical and Electronics Industry (the current versions are available at www.feei.at).

1.2. Any departure from the terms and conditions mentioned in 1.1 above shall be valid only if expressly accepted in writing by Seller.

**2. Submission of offers**

2.1. Seller's offers shall be deemed offers without engagement.

2.2. Tender documents and project documentation must not be duplicated nor made available to third parties without the permission of Seller. They may be claimed back at any time and shall be returned to Seller immediately if the order is placed elsewhere.

**3. Conclusion of contract**

3.1. The contract shall be deemed concluded upon written confirmation by Seller of an order received or upon dispatch of a delivery.

3.2. Particulars appearing in catalogues, folders etc. as well as any oral or written statements shall only be binding if Seller makes express reference to them in the confirmation of the order.

3.3. Subsequent amendments of or additions to the contract shall be subject to written confirmation.

**4. Prices**

4.1. Prices shall be quoted ex works or ex Seller's warehouse without VAT, packing and packaging, loading, disassembly, take-back and proper recycling and disposal of waste electrical and electronic equipment for commercial purposes as defined by the Ordinance Regulating the Handling of Waste Electrical Equipment. Buyer shall be liable for any and all charges, taxes or other duties levied in respect of delivery. If the terms of delivery include transport to a destination designated by Buyer, transport costs as well as the cost of any transport insurance desired by Buyer shall be borne by the latter. Delivery does not, however, include unloading and subsequent handling. Packaging materials will be taken back only by express agreement.

4.2. Seller reserves the right to modify prices if the order placed is not in accordance with the offer submitted.

4.3. Prices are based on costs obtaining at the time of the first quotation. In the event that the costs have increased by the time of delivery, Seller shall have the right to adjust prices accordingly.

4.4. In carrying out repair orders, Seller shall provide all services deemed expedient and shall charge Buyer for the same on the basis of the work input and/or expenditures required. The same holds for any services or additional services the expediency of which becomes apparent only as the repair order is executed. In such an event special notification of Buyer shall not be required.

4.5. Expenses for estimates of costs of repair and maintenance or for expert valuations shall be invoiced to Buyer.

**5. Delivery**

5.1. The period allowed for delivery shall commence at the latest of the following dates:

a) the date of order confirmation by Seller;

b) the date of fulfilment by Buyer of all the conditions, technical, commercial and other, for which he is responsible;

c) the date of receipt by Seller of a deposit or security due before delivery of the goods in question.

5.2. Buyer shall obtain whatever licences or approvals may be required from authorities or third parties for the construction of plant and equipment. If the granting of such licences or approvals is delayed for any reason the delivery period shall be extended accordingly.

5.3. Seller may carry out, and charge Buyer for, partial or advance deliveries. If delivery on call is agreed upon, the commodity shall be deemed called off at the latest one year after the order was placed.

5.4. In case of unforeseeable circumstances or circumstances beyond the parties control, such as all cases of force majeure, which impede compliance with the agreed period of delivery, the latter shall be extended in any case for the duration of such circumstances; these include in particular armed conflicts, official interventions and prohibitions, delays in transport or customs clearance, damages in transit, energy shortage and raw materials scarcity, labour disputes, and default on performance by a major component supplier who is difficult to replace. The aforesaid circumstances shall be deemed to prevail irrespective of whether they affect Seller or his subcontractor(s).

5.5. If a contractual penalty for default of delivery was agreed upon by contracting parties when the contract was concluded, it shall be executed as follows, and any deviations concerning individual items shall not affect the remaining provisions: Where delay in performance can be shown to have occurred solely through the fault of Seller, Buyer may claim for each completed week of delay an indemnity of at most one half of one per cent, a total of no more than 5 %, however, of the value of that part of the goods to be delivered which cannot be used on account of Seller's failure to deliver an essential part thereof, provided the Buyer has suffered a damage to the aforesaid extent. Assertion of rights of damages exceeding this extent is precluded.

6. Passage of risk and place of performance

6.1. Unless otherwise agreed, the delivery of goods is considered sold EXW in accordance with INCOTERMS® 2010.

6.2. For services, the place of performance shall be the place indicated in the written order confirmation, secondary to that at which the service is actually rendered by Seller. The risk in respect of such services or any part thereof shall pass to Buyer at the time the services have been rendered.

**7. Payment**

7.1. Unless otherwise agreed, one third of the purchase price shall fall due at the time of receipt by Buyer of the order confirmation of Seller, one third after half the delivery period has elapsed and the balance at the time of delivery. Irrespective thereof the turnover tax comprised in the amount of the invoice shall be paid within 30 days of the invoice date. If bankruptcy proceedings are instituted against the assets of Buyer or if an application for bankruptcy proceedings is not granted for insufficiency of assets, deliveries shall only be made against cash in advance.

7.2. In the case of part settlements the individual part payments shall fall due upon receipt of the respective invoices. The same shall apply to amounts invoiced for additional deliveries or resulting from additional agreements beyond the scope of the original contract, irrespective of the terms of payment agreed upon for the principal delivery.

7.3. Payment shall be made without any discount free Seller's domicile in the agreed currency. Drafts and checks shall be accepted on account of payment only, with all interest, fees and charges in connection therewith (such as col- lection and discounting charges) to be borne by Buyer.

7.4. Buyer shall not be entitled to withhold or offset payment on the grounds of any warranty claims or other counterclaims.

7.5. Payment shall be deemed to have been effected on the date at which the amount in question is at Seller's disposal.

7.6. If Buyer fails to meet the terms of payment or any other obligation arising from this or other legal transactions, Seller may without prejudice to his other rights

a) suspend performance of his own obligations until payments have been made or other obligations fulfilled, and exercise his right to extend the period of delivery to a reasonable extent,

b) call in debts arisen from this or any other legal transactions and charge default interest amounting to 1.25 % per month plus turnover tax for these amounts beginning with the due dates, unless Seller proves costs exceeding this.

c) only perform other legal transactions against cash in advance in the case of qualified insolvency, in other words, following two delays in payment.

In any case Seller has the right to invoice all expenses arising prior to a lawsuit, especially reminder charges and lawyer's fees.

7.7. Discounts or bonuses are subject to complete payment in due time.

7.8. Seller retains title to all goods delivered by him until receipt of all amounts invoiced including interests and charges. Buyer herewith assigns his claim out of a resale of conditional commodities, even if they are processed, transformed or combined with other commodities, to Seller to secure the latter's purchase money claim. In the case of resale granting respite Buyer shall have the power of disposal of the product under retention of ownership only with the proviso that upon reselling Buyer notifies the secondary buyer of the assignment for security or enters the assignment in his account books. Upon request Buyer has to notify the assigned claim and the debtor thereof to Seller, and to make all information and material required for his debt collection available and to notify the assignment to the third-party debtor. If the goods are attached or otherwise levied upon, Buyer shall draw attention to Sellers title and immediately inform Seller of the attachment or levy.

**8. Warranty and acceptance of obligation to repair defects**

8.1. Once the agreed terms of payment have been complied with, Seller shall, subject to the conditions hereunder, remedy any defect existing at the time of acceptance of the article in question whether due to faulty design, material or manufacture, that impairs the functioning of said article. From particulars appearing in catalogues, folders, promotional literature as well as written or oral statements which have not been included in the agreement no warranty obligations may be deduced.

8.2. Unless special warranty periods operate for individual items the warranty period shall be 12 months. These conditions shall also apply to any goods supplied, or services rendered in respect of goods supplied, that are firmly attached to buildings or the ground. The warranty period begins at the point of passage of risk acc. to paragraph 6.

8.3. For improved or exchanged parts, the warranty period shall start again, but shall end in any case 6 months after the original warranty period has expired.

8.4. If delivery or the performance of services is delayed for reasons outside the control of Seller, the warranty period shall begin 2 weeks after Seller is ready to deliver or perform services.

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8.5. The foregoing warranty obligations are conditional upon the Buyer giving within a reasonable period notice in writing of any defects that have occurred and such notice reaching the Seller. Buyer shall prove within a reasonable period the presence of a defect, in particular he shall make available within a reasonable period to Seller all material and data in his possession. Upon receipt of such notice Seller shall, in the case of a defect covered by the warranty under 8.1 above, have the option to replace the defective goods or defective parts thereof or else to repair them on Buyer's premises or have them returned for repair, or to grant a fair and reasonable price reduction.

8.6. Any expenses incurred in connection with rectifying defects (e. g. expenses for assembly and disassembly, transport, waste disposal, travel and siteto-quarters time) shall be borne by Buyer. For warranty work on Buyer's premises Buyer shall make available free of charge any assistance, hoisting gear, scaffolding and sundry supplies and incidentals that may he required. Replaced parts shall become the property of Seller.

8.7. If an article is manufactured by Seller on the basis of design data, design drawings, models or other specifications supplied by Buyer, Seller's warranty shall be restricted to non-compliance with Buyers specifications.

8.8. Seller's warranty obligation shall not extend to any defects due to assembly and installation work not undertaken by Seller, inadequate equipment, or due to non-compliance with installation requirements and operating conditions, overloading of parts in excess of the design values stipulated by Seller, negligent or faulty handling or the use of inappropriate materials, nor for defects attributable to material supplied by Buyer. Nor shall Seller be li- able for damage due to acts of third parties, atmospheric discharges. Excess voltage and chemical influences. The warranty does not cover the replacement of parts subject to natural wear and tear. Seller accepts no warranty for the sale of used goods.

8.9. The warranty shall lapse immediately if, without written consent of Seller, Buyer himself or a third party not expressly authorised undertakes modifications or repairs on any items delivered.

8.10. Claims acc. to § 933b ABGB are struck by the statute of limitation with lapse of the period mentioned under point 8.2.

8.11. The provisions of sub-paragraphs 8.1 to 8.10 shall apply, mutatis mutandis, to all cases where the obligation to repair defects has to be accepted for other reasons laid down by law.

**9. Withdrawal from contract**

9.1. Buyer may withdraw from the contract only in the event of delays caused by gross negligence on the part of Seller and only after a reasonable period of grace has elapsed. Withdrawal from contract shall be notified in writing by registered mail.

9.2. Irrespective of his other rights Seller shall be entitled to withdraw from the contract

a) if the execution of delivery or the inception or continuation of services to be rendered under the contract is made impossible for reasons within the responsibility of Buyer and if the delay is extended beyond a reasonable period of grace allowed;

b) if doubts have arisen as to Buyer's creditworthiness and if same fails, on Seller's request, to make an advance payment or to provide adequate security prior to delivery, or

c) if, for reasons mentioned in 5.4, the period allowed for delivery is extended by more than half of the period originally agreed or by at least 6 months, or

d) if Buyer does not or does not properly meet the obligations imposed as per paragraph 13.

9.3. For the reasons given above withdrawal from the contract shall also be possible in respect of any outstanding part of the delivery or service contracted for.

9.4. If bankruptcy proceedings are instituted against Buyer or an application for bankruptcy proceedings is not granted for insufficiency of assets, Seller may withdraw from the contract without allowing a period of grace. If this withdrawal is taken, it shall take effect immediately upon the decision that the business will not be continued. If the business will be continued, a withdrawal shall not take effect until 6 months after the institution of bankruptcy proceedings or after an application for bankruptcy proceedings has not been granted for insufficiency of assets. In any case, the contract shall be terminated immediately unless the bankruptcy law to which Buyer is subject conflicts with this or if termination of the contract is necessary to prevent significant damages to Seller.

9.5. Without prejudice to Seller's claim for damages including expenses arising prior to a lawsuit, upon withdrawal from contract any open accounts in respect of deliveries made or services rendered in whole or in part shall be settled according to contract This provision also covers deliveries or services not yet accepted by Buyer as well as any preparatory acts performed by Seller. Seller shall, however, have the option alternatively to require the restitution of articles already delivered.

9.6. Withdrawal from contract shall have no consequences other than those stipulated above.

9.7. The assertion of claims on the ground of laesio enormis, error, or lapse of purpose by the Buyer is excluded.

**10. Disposal of waste electrical and electronic equipment**

10.1. The Buyer of electrical/electronic equipment for commercial purposes, incorporated in Austria, is responsible for the financing of the collection and treatment of waste electrical and electronic equipment as defined by the Ordinance Regulating the Handling of Waste Electrical Equipment, if he is himself the user of the electrical/electronic equipment. If the Buyer is not the end user, he shall transfer the full financial commitment to his customer by agreement and furnish proof thereof to the Seller.

10.2. The Buyer incorporated in Austria shall ensure that the Seller is provided with all information necessary to meet the Seller's obligations as manufacturer/importer, particularly according to §§ 11 and 24 of the Ordinance Regulating the Handling of Waste Electrical Equipment and the Waste Management Act.

10.3. The Buyer incorporated in Austria is liable vis-à-vis the Seller for any damage and other financial disadvantages incurred by Seller due to Buyer's failure to meet or fully meet his financing commitment or any other obligations according to Article 10. The Buyer shall bear the burden of proof of performance of this obligation.

**11. Seller's liability**

11.1. Outside the scope of the Product Liability Act, Seller shall be liable only if the damage in question is proved to be due to intentional acts or acts of gross negligence, within the limits of statutory provisions. Seller's total liability in cases of gross negligence is limited to the net value of the order or EUR 500,000, depending on which amount is lower.

11.2. For each incident of damage, Seller shall be liable for 25% of the net value of the order or EUR 125,000, depending on which amount is lower.

11.3. Seller shall not be liable for damage due to acts of ordinary negligence nor for consequential damages or damages for pure economic loss, indirect damages, loss of production, financing costs, costs for replacement energy, loss of energy, data or information, loss of profits, loss of savings or interest, or damage resulting from third-party claims against buyer.

11.4. Seller shall not be liable for damages in case of non-compliance with instructions for assembly, commissioning and operation (such as are contained in instructions for use) or non-compliance with licensing requirements.

11.5. Claims that exceed the contractual penalties that were agreed on are excluded from the respective title. The provisions of paragraph 11 apply exclusively for all claims by Buyer against Seller, regardless of the legal basis or entitlement, and also apply to all employees, subcontractors and subsuppliers of Seller.

**12. Industrial property rights and copyrights**

12.1. Buyer shall indemnify Seller and hold him harmless against any claims for any infringement of industrial property rights raised against him if Seller manufactures an article pursuant to any design data, design drawings, models or other specifications made available to him by Buyer.

12.2. Design documents such as plans and drawings and other technical specifications as well as samples, catalogues, prospectuses, pictures and the like shall remain the intellectual property of Seller and are subject to the relevant statutory provisions governing reproduction, imitation, competition etc. The provisions of 2.2 above shall also cover design documents.

**13. Compliance with export provisions**

13.1. When passing on goods delivered by Seller to third parties (as well as any related documentation, regardless of the method of provision or the services performed by Seller [including technical support of any kind]), Buyer must comply with the applicable regulations of national and international (re-)export provisions. In any case, Buyer must observe the (re-)export provisions of Seller's country of residence, the European Union and the United States of America.

13.2. If necessary for export controls, Buyer must provide Seller with all necessary information immediately after being requested to do so, for example, information about the final recipient, final destination and purpose of the goods or services.

**14. General**

Should individual provisions of the contract or of these provisions be invalid the validity of the other provisions shall not be affected. The invalid provision shall be replaced by a valid one, which comes as close to the target goal as possible.

**15. Jurisdiction and applicable law**

Any litigations arising under the contract including litigations over the existence or non-existence thereof shall fall within the exclusive jurisdiction of the competent court at Sellers domicile; the competent court of the Bezirksgericht Innere Stadt, Vienna, shall have exclusive jurisdiction if Seller is domiciled in Vienna. The contract is subject to Austrian law excluding the referral rules. Application of the UN Convention on Contracts for the International Sale of Goods is renounced.

**16. Proviso**

The execution of the contract by Seller is subject to the condition that there are no obstacles standing in the way of execution due to national or international (re-)export provisions, and especially no embargos and/or other sanctions.

**Last revised in September 2011**

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SCHRACK TECHNIK

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