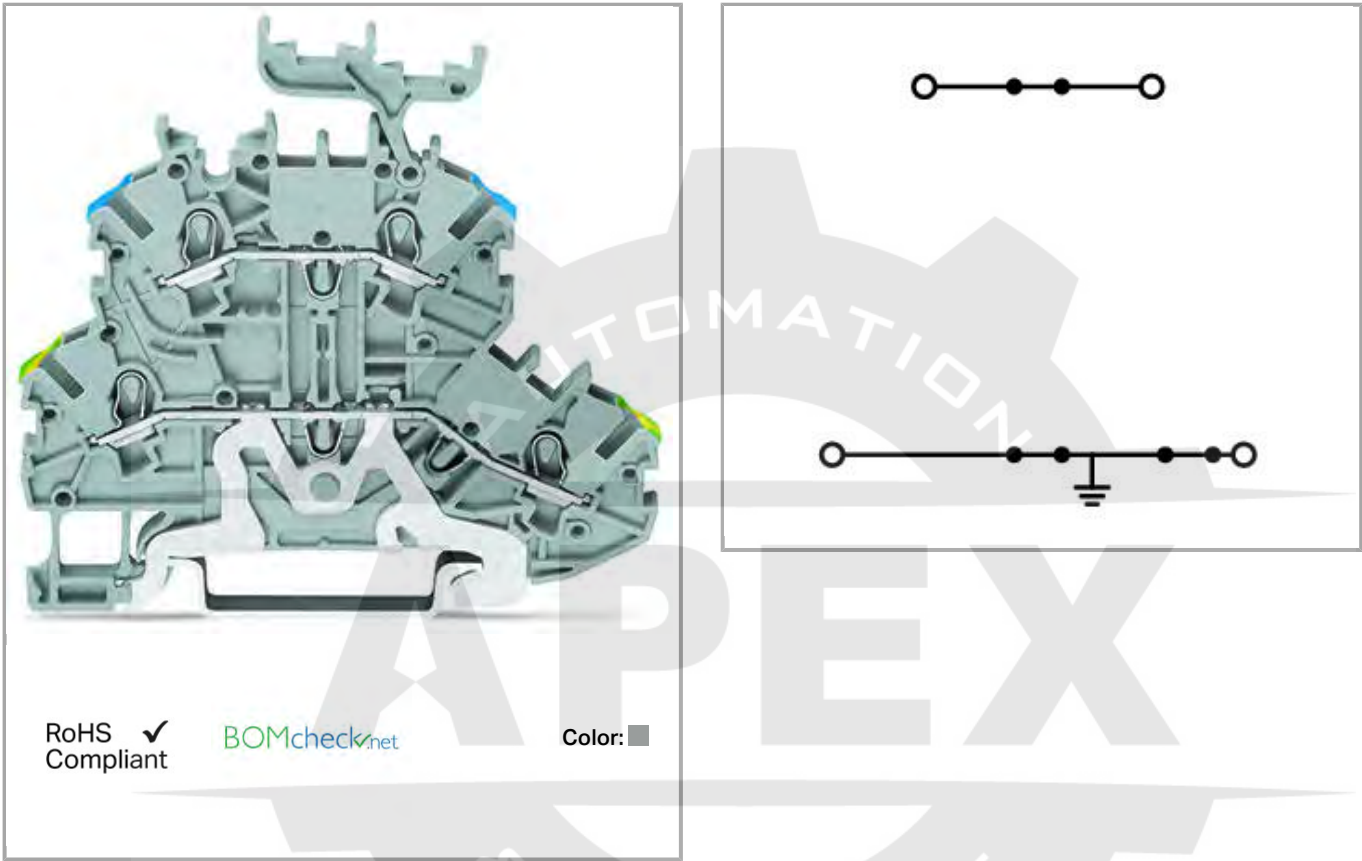


**Data sheet | Item number: 2000-2257**



Double-deck terminal block; Ground conductor/through terminal block; PE/L;  
with marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; 1 mm<sup>2</sup>; Push-in CAGE  
CLAMP®

2000-2257



**Data**  
**Electrical data**

**Ratings per IEC/EN 60664-1**

|                                 |        |
|---------------------------------|--------|
| Rated voltage (III / 3)         | 500 V  |
| Rated impulse voltage (III / 3) | 6 kV   |
| Rated current                   | 13.5 A |
| Rated current (2)               | 16 A   |

**Approvals per UL 1059**

|                                |       |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 300 V |
| Rated current UL (Use Group B) | 15 A  |
| Rated voltage UL (Use Group C) | 300 V |
| Rated current UL (Use Group C) | 15 A  |

## Connection data

|                                               |                                                                                                                                   |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection technology                         | Push-in CAGE CLAMP®                                                                                                               |
| Number of connection points (connection type) | 2                                                                                                                                 |
| Actuation type                                | Push-in<br>Open Tool Slot                                                                                                         |
| Connectable conductor materials               | Copper                                                                                                                            |
| Nominal cross section                         | 1 mm²                                                                                                                             |
| Solid conductor                               | 0.14 ... 1.5 mm² / 24 ... 16 AWG                                                                                                  |
| Solid conductor, push-in termination          | 0.5 ... 1.5 mm² / 20 ... 16 AWG                                                                                                   |
| Fine-stranded conductor                       | 0.14 ... 1.5 mm² / 24 ... 16 AWG                                                                                                  |
| Strip length                                  | 9 ... 11 mm / 0.35 ... 0.43 inch                                                                                                  |
| Number of connection points                   | 2                                                                                                                                 |
| Note (conductor cross-section)                | Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination. |
| Total number of connection points             | 4                                                                                                                                 |
| Total number of potentials                    | 2                                                                                                                                 |
| Number of levels                              | 2                                                                                                                                 |
| Type of wiring                                | Front-entry wiring                                                                                                                |

## Geometrical Data

|                                       |                      |
|---------------------------------------|----------------------|
| Width                                 | 3.5 mm / 0.138 inch  |
| Height from upper-edge of DIN-35 rail | 61.8 mm / 2.433 inch |
| Depth                                 | 69.7 mm / 2.744 inch |

## Mechanical data

|                   |                     |
|-------------------|---------------------|
| Design            | horizontal          |
| Type of mounting  | DIN-35 rail         |
| Potential marking | PE/L                |
| Marking level     | Center/side marking |

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.152 MJ             |
| Weight              | 9.71 g               |

## Commercial data

|                   |               |
|-------------------|---------------|
| Product Group     | 22 (TOPJOB S) |
| Country of origin | CN            |
| GTIN              | 4055143274104 |

Customs Tariff No.

85369010000

## Approvals / Certificates

### Ex-Approvals

| Logo                                                                             | Approval                                             | Additional Approval Text | Certificate name                                                            |
|----------------------------------------------------------------------------------|------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------|
|  | <b>AEx</b><br>Underwriters Laboratories Inc.         | UL 60079                 | E185892                                                                     |
|  | <b>ATEX</b><br>Physikalisch Technische Bundesanstalt | EN 60079                 | PTB 11<br>ATEX<br>1041 U (II<br>2 G Ex e<br>IIC GB / I<br>M 2 Ex e I<br>Mb) |

### Country specific Approvals

| Logo                                                                               | Approval                               | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|----------------------------------------|--------------------------|------------------|
|  | <b>CCA</b><br>DEKRA Certification B.V. | EN 60947                 | 71-102841        |
|  | <b>CCA</b><br>DEKRA Certification B.V. | EN 60947                 | NTR NL<br>7671   |
|  | <b>CCA</b><br>DEKRA Certification B.V. |                          | NTR NL<br>7518   |
|  | <b>CCA</b><br>DEKRA Certification B.V. |                          | 2192406.01       |

### UL-Approvals

| Logo                                                                               | Approval                                   | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|--------------------------------------------|--------------------------|------------------|
|  | <b>UL</b><br>UL International Germany GmbH | UL 1059                  | E45172<br>sec.55 |

## Compatible products

### End plate

|                                                                                  |                                                                        |      |       |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------|------|-------|
|  | <b>Item no.: 2000-2291</b><br>End and intermediate plate; 0.7 mm thick | 2291 | 2000- |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------|------|-------|

|                                                                                  |                                                                        |      |       |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------|------|-------|
|  | <b>Item no.: 2000-2292</b><br>End and intermediate plate; 0.7 mm thick | 2292 | 2000- |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------|------|-------|

### tools

|                                                                                  |                                                                                                        |  |         |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--|---------|
|  | <b>Item no.: 210-647</b><br>Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short |  | 210-647 |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--|---------|

|                                                                                   |                                                                                                                |  |         |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--|---------|
|  | <b>Item no.: 210-648</b><br>Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled |  | 210-648 |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--|---------|

|                                                                                    |                                                                                                         |  |         |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--|---------|
|  | <b>Item no.: 210-719</b><br>Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm |  | 210-719 |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--|---------|

### Jumper

|                                                                                    |                                                                                              |  |          |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--|----------|
|  | <b>Item no.: 2000-402</b><br>Push-in type jumper bar; insulated; 2-way; Nominal current 14 A |  | 2000-402 |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--|----------|

|                                                                                    |                                                                                                      |          |          |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------|
|  | <b>Item no.: 2000-402/000-005</b><br>Push-in type jumper bar; insulated; 2-way; Nominal current 14 A | /000-005 | 2000-402 |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------|

|                                                                                    |                                                                                                      |          |          |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------|
|  | <b>Item no.: 2000-402/000-006</b><br>Push-in type jumper bar; insulated; 2-way; Nominal current 14 A | /000-006 | 2000-402 |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------|

|                                                                                    |                                                                                                      |          |          |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------|
|  | <b>Item no.: 2000-402/000-018</b><br>Push-in type jumper bar; insulated; 2-way; Nominal current 14 A | /000-018 | 2000-402 |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------|

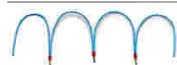
|                                                                                    |                                                                                              |  |          |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--|----------|
|  | <b>Item no.: 2000-403</b><br>Push-in type jumper bar; insulated; 3-way; Nominal current 14 A |  | 2000-403 |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--|----------|

|                                                                                    |                                                                                                      |          |          |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------|
|  | <b>Item no.: 2000-403/000-005</b><br>Push-in type jumper bar; insulated; 3-way; Nominal current 14 A | /000-005 | 2000-403 |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------|

|                                                                                    |                                                                                                      |          |          |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------|
|  | <b>Item no.: 2000-403/000-006</b><br>Push-in type jumper bar; insulated; 3-way; Nominal current 14 A | /000-006 | 2000-403 |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------|

|                                                                                    |                                                                                                          |            |          |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------|----------|
|    | <b>Item no.: 2000-404</b><br>Push-in type jumper bar; insulated; 4-way; Nominal current 14 A             |            | 2000-404 |
|    | <b>Item no.: 2000-404/000-005</b><br>Push-in type jumper bar; insulated; 4-way; Nominal current 14 A     | /0000-0005 | 2000-404 |
|    | <b>Item no.: 2000-404/000-006</b><br>Push-in type jumper bar; insulated; 4-way; Nominal current 14 A     | /0000-0006 | 2000-404 |
|    | <b>Item no.: 2000-405</b><br>Push-in type jumper bar; insulated; 5-way; Nominal current 14 A             |            | 2000-405 |
|    | <b>Item no.: 2000-405/000-005</b><br>Push-in type jumper bar; insulated; 5-way; Nominal current 14 A     | /0000-0005 | 2000-405 |
|    | <b>Item no.: 2000-405/000-006</b><br>Push-in type jumper bar; insulated; 5-way; Nominal current 14 A     | /0000-0006 | 2000-405 |
|    | <b>Item no.: 2000-405/011-000</b><br>Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block | /0111-0000 | 2000-405 |
|   | <b>Item no.: 2000-406</b><br>Push-in type jumper bar; insulated; 6-way; Nominal current 14 A             |            | 2000-406 |
|  | <b>Item no.: 2000-406/000-005</b><br>Push-in type jumper bar; insulated; 6-way; Nominal current 14 A     | /0000-0005 | 2000-406 |
|  | <b>Item no.: 2000-406/000-006</b><br>Push-in type jumper bar; insulated; 6-way; Nominal current 14 A     | /0000-0006 | 2000-406 |
|  | <b>Item no.: 2000-406/020-000</b><br>Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block        | /0020-0000 | 2000-406 |
|  | <b>Item no.: 2000-407</b><br>Push-in type jumper bar; insulated; 7-way; Nominal current 14 A             |            | 2000-407 |
|  | <b>Item no.: 2000-407/000-005</b><br>Push-in type jumper bar; insulated; 7-way; Nominal current 14 A     | /0000-0005 | 2000-407 |
|  | <b>Item no.: 2000-407/000-006</b><br>Push-in type jumper bar; insulated; 7-way; Nominal current 14 A     | /0000-0006 | 2000-407 |
|  | <b>Item no.: 2000-408</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 14 A             |            | 2000-408 |
|  | <b>Item no.: 2000-408/000-005</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 14 A     | /0000-0005 | 2000-408 |

|                                                                                    |                                                                                                            |          |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------|
|    | <b>Item no.: 2000-408/000-006</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 14 A       | 2000-408 |
|    | <b>Item no.: 2000-409</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 14 A               | 2000-409 |
|    | <b>Item no.: 2000-409/000-005</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 14 A       | 2000-409 |
|    | <b>Item no.: 2000-409/000-006</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 14 A       | 2000-409 |
|    | <b>Item no.: 2000-410</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 14 A              | 2000-410 |
|    | <b>Item no.: 2000-410/000-005</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 14 A      | 2000-410 |
|    | <b>Item no.: 2000-410/000-006</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 14 A      | 2000-410 |
|   | <b>Item no.: 2000-433</b><br>Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A         | 2000-433 |
|  | <b>Item no.: 2000-433/000-005</b><br>Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A | 2000-433 |
|  | <b>Item no.: 2000-433/000-006</b><br>Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A | 2000-433 |
|  | <b>Item no.: 2000-434</b><br>Push-in type jumper bar; insulated; from 1 to 4; Nominal current 14 A         | 2000-434 |
|  | <b>Item no.: 2000-435</b><br>Push-in type jumper bar; insulated; from 1 to 5; Nominal current 14 A         | 2000-435 |
|  | <b>Item no.: 2000-436</b><br>Push-in type jumper bar; insulated; from 1 to 6; Nominal current 14 A         | 2000-436 |
|  | <b>Item no.: 2000-437</b><br>Push-in type jumper bar; insulated; from 1 to 7; Nominal current 14 A         | 2000-437 |
|  | <b>Item no.: 2000-438</b><br>Push-in type jumper bar; insulated; from 1 to 8; Nominal current 14 A         | 2000-438 |
|  | <b>Item no.: 2000-439</b><br>Push-in type jumper bar; insulated; from 1 to 9; Nominal current 14 A         | 2000-439 |
|  | <b>Item no.: 2000-440</b><br>Push-in type jumper bar; insulated; from 1 to 10; Nominal current 14 A        | 2000-440 |

|                                                                                    |                                                                                                                                                                                                     |                      |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|     | <b>Item no.: 2000-492</b><br>Double-deck vertical jumper; insulated                                                                                                                                 | 2000-492             |
|    | <b>Item no.: 2009-402</b><br>Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm <sup>2</sup> ; suitable for 2000 and 2020 Series rail-mounted terminal blocks  | 2009-402             |
|    | <b>Item no.: 2009-404</b><br>Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm <sup>2</sup> ; suitable for 2000 and 2020 Series rail-mounted terminal blocks | 2009-404             |
|    | <b>Item no.: 2009-406</b><br>Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm <sup>2</sup> ; suitable for 2000 and 2020 Series rail-mounted terminal blocks | 2009-406             |
|    | <b>Item no.: 210-103</b><br>Wire commoning chain; insulated; 50 connections                                                                                                                         | 210-103              |
|    | <b>Item no.: 210-123</b><br>Wire commoning chain; insulated; 50 connections                                                                                                                         | 210-123              |
| <b>Marking accessories</b>                                                         |                                                                                                                                                                                                     |                      |
|    | <b>Item no.: 2009-110</b><br>Marking strips; on reel; not stretchable; plain; snap-on type                                                                                                          | 2009-110             |
|    | <b>Item no.: 2009-113</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                                            | 2009-113             |
|   | <b>Item no.: 2009-113/000-002</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                                    | 2009-113<br>/000-002 |
|  | <b>Item no.: 2009-113/000-005</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                                    | 2009-113<br>/000-005 |
|  | <b>Item no.: 2009-113/000-006</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                                    | 2009-113<br>/000-006 |
|  | <b>Item no.: 2009-113/000-007</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                                    | 2009-113<br>/000-007 |
|  | <b>Item no.: 2009-113/000-012</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                                    | 2009-113<br>/000-012 |
|  | <b>Item no.: 2009-113/000-017</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                                    | 2009-113<br>/000-017 |
|  | <b>Item no.: 2009-113/000-023</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                                    | 2009-113<br>/000-023 |
|  | <b>Item no.: 2009-113/000-024</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                                    | 2009-113<br>/000-024 |



**Item no.: 793-3501**  
WMB marking card; as card; plain; snap-on type

793-3501

## General accessories



**Item no.: 2000-121**  
Adaptor

2000-121

## check



**Item no.: 2000-510**  
TOPJOB®S L-type test plug module; modular; for jumper contact slot

2000-510



**Item no.: 2000-511**  
TOPJOB®S L-type test plug module; modular; for jumper contact slot; 1-pole

2000-511



**Item no.: 2000-549**  
Spacer module; modular; e.g., for bridging commoned terminal blocks

2000-549



**Item no.: 2000-552**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole

2000-552



**Item no.: 2000-553**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole

2000-553



**Item no.: 2000-554**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole

2000-554



**Item no.: 2000-555**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole

2000-555



**Item no.: 2000-556**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole

2000-556



**Item no.: 2000-557**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole

2000-557



**Item no.: 2000-558**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole

2000-558



**Item no.: 2000-559**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole

2000-559



**Item no.: 2000-560**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole

2000-560



**Item no.: 2009-174**  
Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks

2009-174



**Item no.: 2009-182**  
Testing tap; for max. 2.5 mm<sup>2</sup>; tool-free connection for individual test wires 0.08 - 2.5 mm

2009-182



**Item no.: 210-136**  
Test plug; 2 mm Ø; with 500 mm cable

210-136



**Item no.: 210-137**  
Test plug; 2.3 mm Ø; with 500 mm cable

210-137

## ferrule

**Item no.: 216-241**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight

216-241

|                                                                                    |                                                                                                                                                                          |          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|     | crimped; acc. to DIN 46228, Part 4/09.90                                                                                                                                 |          |
|     | <b>Item no.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-242  |
|     | <b>Item no.: 216-243</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90    | 216-243  |
| <b>Carrier rail</b>                                                                |                                                                                                                                                                          |          |
|    | <b>Item no.: 210-112</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm                                     | 210-112  |
|    | <b>Item no.: 210-113</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715                                                      | 210-113  |
|    | <b>Item no.: 210-114</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715                                                       | 210-114  |
|    | <b>Item no.: 210-115</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm                                     | 210-115  |
|    | <b>Item no.: 210-118</b><br>Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715                                                     | 210-118  |
|  | <b>Item no.: 210-196</b><br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715                                                   | 210-196  |
|  | <b>Item no.: 210-197</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715                                                         | 210-197  |
|  | <b>Item no.: 210-198</b><br>Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715                                                    | 210-198  |
| <b>Protective Warning Marker</b>                                                   |                                                                                                                                                                          |          |
|  | <b>Item no.: 2000-115</b><br>Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks                                                           | 2000-115 |

## Downloads Documentation

### Bid Text

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### Additional Information

|               |          |
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## CAD/CAE - Smart Data

### CAD data



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Subject to changes.