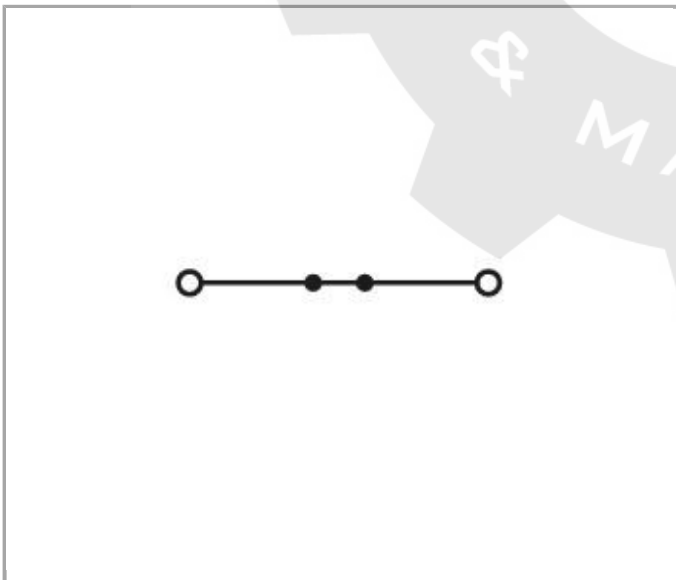
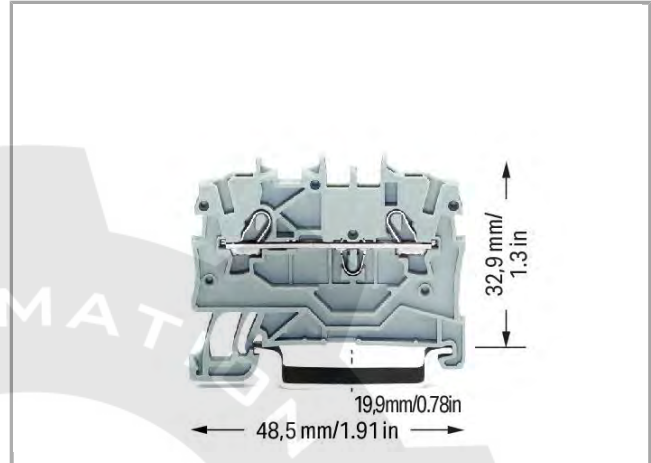
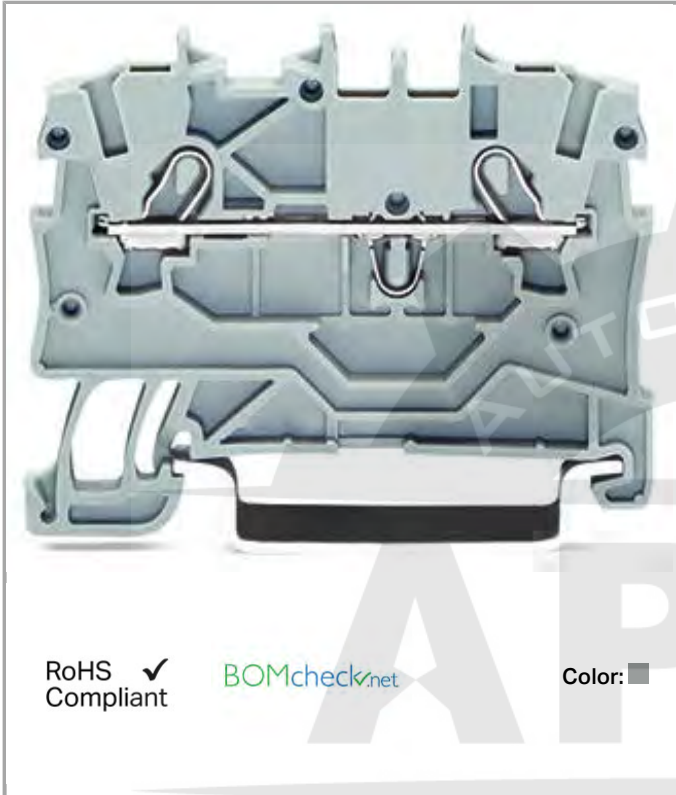


**Data sheet | Item number: 2000-1201**

2-conductor through terminal block; 1 mm<sup>2</sup>; suitable for Ex e II applications;  
side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE  
CLAMP®



2000-1201



Data  
Electrical data

|                                     |       |
|-------------------------------------|-------|
| Rated voltage EN (Ex e II)          | 550 V |
| Rated current (Ex e II)             | 13 A  |
| Rated current (Ex e II) with jumper | 12 A  |

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

|                                 |        |
|---------------------------------|--------|
| Rated voltage (III / 3)         | 800 V  |
| Rated impulse voltage (III / 3) | 8 kV   |
| Rated current                   | 13.5 A |
| Rated current (2)               | 18 A   |

#### Approvals per UL 1059

|                                |       |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 15 A  |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 15 A  |

#### Approvals per CSA

|                                 |       |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 10 A  |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 10 A  |

#### Connection data

|                                      |                                                                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection technology                | Push-in CAGE CLAMP®                                                                                                               |
| 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                                                                                                  |
| 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    | 2                                                                                                                                 |
| Total number of potentials           | 1                                                                                                                                 |
| Number of levels                     | 1                                                                                                                                 |
| Type of wiring                       | Front-entry wiring                                                                                                                |

## Geometrical Data

|                                       |                      |
|---------------------------------------|----------------------|
| Width                                 | 3.5 mm / 0.138 inch  |
| Height from upper-edge of DIN-35 rail | 32.9 mm / 1.295 inch |
| Depth                                 | 48.5 mm / 1.909 inch |

## Mechanical data

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

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.079 MJ             |
| Weight              | 3.58 g               |

## Commercial data

|                    |               |
|--------------------|---------------|
| Product Group      | 22 (TOPJOB S) |
| Country of origin  | CN            |
| GTIN               | 4045454966768 |
| Customs Tariff No. | 85369010000   |

## Approvals / Certificates

### Ex-Approvals

| Logo                                                                               | Approval                                      | Additional Approval Text | Certificate name                                                            |
|------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------|-----------------------------------------------------------------------------|
|  | AEx<br>Underwriters Laboratories Inc.         | UL 60079                 | E185892                                                                     |
|  | ATEX<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 |
|------|----------|--------------------------|------------------|
|      | CCA      | EN 60947                 | 71-              |



DEKRA Certification B.V.

102841



CSA  
DEKRA Certification B.V.

C22.2 No. 158

2130762

## Ship Approvals

| Logo                                                                               | Approval                                         | Additional Approval Text | Certificate name         |
|------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------|--------------------------|
|    | ABS<br>American Bureau of Shipping               | EN 60947                 | 14-<br>HG1293677-<br>PDA |
|    | BV<br>Bureau Veritas S.A.                        | EN 60947                 | 38586/A0 BV              |
|   | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |
|  | LR<br>Lloyds Register                            | EN 60947                 | 91/20112<br>(E9)         |

## UL-Approvals

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

## Compatible products

## Carrier rail

Item no.: 210-112

|                                                                                    |                                                                                                                                      |          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------|
|    | 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>check</b>                                                                       |                                                                                                                                      |          |
|   | <b>Item no.: 2000-510</b><br>TOPJOB®S L-type test plug module; modular; for jumper contact slot                                      | 2000-510 |
|  | <b>Item no.: 2000-511</b><br>TOPJOB®S L-type test plug module; modular; for jumper contact slot; 1-pole                              | 2000-511 |
|  | <b>Item no.: 2000-549</b><br>Spacer module; modular; e.g., for bridging commoned terminal blocks                                     | 2000-549 |
|  | <b>Item no.: 2000-552</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole                                    | 2000-552 |
|  | <b>Item no.: 2000-553</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole                                    | 2000-553 |
|  | <b>Item no.: 2000-554</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole                                    | 2000-554 |
|  | <b>Item no.: 2000-555</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole                                    | 2000-555 |
|  | <b>Item no.: 2000-556</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole                                    | 2000-556 |
|  | <b>Item no.: 2000-557</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole                                    | 2000-557 |
|  | <b>Item no.: 2000-558</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole                                    | 2000-558 |
|  | <b>Item no.: 2000-559</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole                                    | 2000-559 |
|                                                                                    | <b>Item no.: 2000-560</b>                                                                                                            |          |

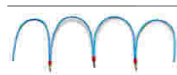
|                                                                                    |                                                                                                                                       |                  |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------|
|    | Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole                                                                 | 2000-560         |
|    | <b>Item no.: 2009-174</b><br>Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks              | 2009-174         |
|    | <b>Item no.: 2009-182</b><br>Testing tap; for max. 2.5 mm <sup>2</sup> ; tool-free connection for individual test wires 0.08 - 2.5 mm | 2009-182         |
|    | <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable                                                                      | 210-136          |
|    | <b>Item no.: 210-137</b><br>Test plug; 2.3 mm Ø; with 500 mm cable                                                                    | 210-137          |
| <b>End plate</b>                                                                   |                                                                                                                                       |                  |
|    | <b>Item no.: 2000-1291</b><br>End and intermediate plate; 0.7 mm thick                                                                | 2000-1291        |
|    | <b>Item no.: 2000-1292</b><br>End and intermediate plate; 0.7 mm thick                                                                | 2000-1292        |
|    | <b>Item no.: 209-190</b><br>Separator for Ex e/Ex i applications; 3 mm thick; 90 mm wide                                              | 209-190          |
|   | <b>Item no.: 209-191</b><br>Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide                                             | 209-191          |
| <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                                      | 2009-113/000-002 |
|  | <b>Item no.: 2009-113/000-005</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                      | 2009-113/000-005 |
|  | <b>Item no.: 2009-113/000-006</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                      | 2009-113/000-006 |
|  | <b>Item no.: 2009-113/000-007</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                      | 2009-113/000-007 |
|  | <b>Item no.: 2009-113/000-012</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                      | 2009-113/000-012 |

|                                                                                    |                                                                                                                                                                                      |          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|   | <b>Item no.: 2009-113/000-017</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                     | 2009-113 |
|   | <b>Item no.: 2009-113/000-023</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                     | 2009-113 |
|   | <b>Item no.: 2009-113/000-024</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                                                                     | 2009-113 |
|    | <b>Item no.: 2009-191</b><br>Group marker carrier                                                                                                                                    | 2009-191 |
|    | <b>Item no.: 793-3501</b><br>WMB marking card; as card; plain; snap-on type                                                                                                          | 793-3501 |
| <b>ferrule</b>                                                                     |                                                                                                                                                                                      |          |
|     | <b>Item no.: 216-241</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-241  |
|     | <b>Item no.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 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 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90    | 216-243  |
| <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 |
| <b>tools</b>                                                                       |                                                                                                                                                                                      |          |
|  | <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  |
| <b>Jumper</b>                                                                      |                                                                                                                                                                                      |          |
|  | <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                                                                                 | 2000-402 |
|  | <b>Item no.: 2000-402/000-006</b><br>Push-in type jumper bar; insulated; 2-way; Nominal current 14 A                                                                                 | 2000-402 |
|  | <b>Item no.: 2000-402/000-018</b><br>Push-in type jumper bar; insulated; 2-way; Nominal current 14 A                                                                                 | 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     | /000-005 | 2000-404 |
|    | <b>Item no.: 2000-404/000-006</b><br>Push-in type jumper bar; insulated; 4-way; Nominal current 14 A     | /000-006 | 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     | /000-005 | 2000-405 |
|  | <b>Item no.: 2000-405/000-006</b><br>Push-in type jumper bar; insulated; 5-way; Nominal current 14 A     | /000-006 | 2000-405 |
|  | <b>Item no.: 2000-405/011-000</b><br>Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block | /011-000 | 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     | /000-005 | 2000-406 |
|  | <b>Item no.: 2000-406/000-006</b><br>Push-in type jumper bar; insulated; 6-way; Nominal current 14 A     | /000-006 | 2000-406 |
|  | <b>Item no.: 2000-406/020-000</b><br>Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block        | /020-000 | 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     | /000-005 | 2000-407 |



|                                                                                    |                                                                                                            |          |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------|
|    | <b>Item no.: 2000-407/000-006</b><br>Push-in type jumper bar; insulated; 7-way; Nominal current 14 A       | 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       | 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.: 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  |

## Downloads

## Documentation

## Bid Text

|                         |             |         |          |
|-------------------------|-------------|---------|----------|
| 2000-1201               | Apr 4, 2012 | docx    | Download |
| Reihenklemmen, TOPJOB S |             | 14.9 kB |          |

## CAD/CAE - Smart Data

## CAD data

|                       |     |          |
|-----------------------|-----|----------|
| 3D Download 2000-1201 | URL | Download |
|-----------------------|-----|----------|

Subject to changes.