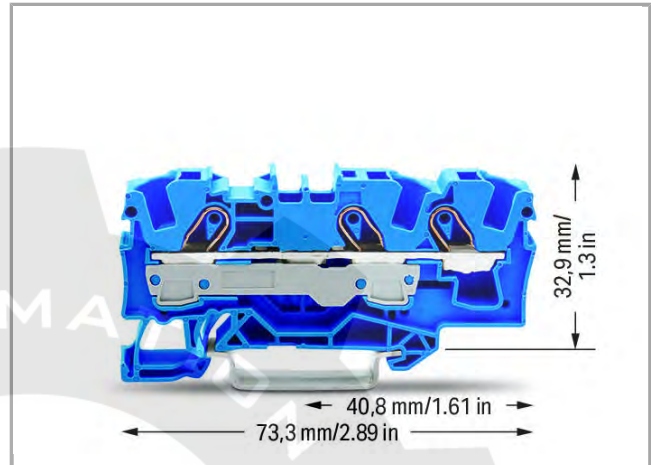
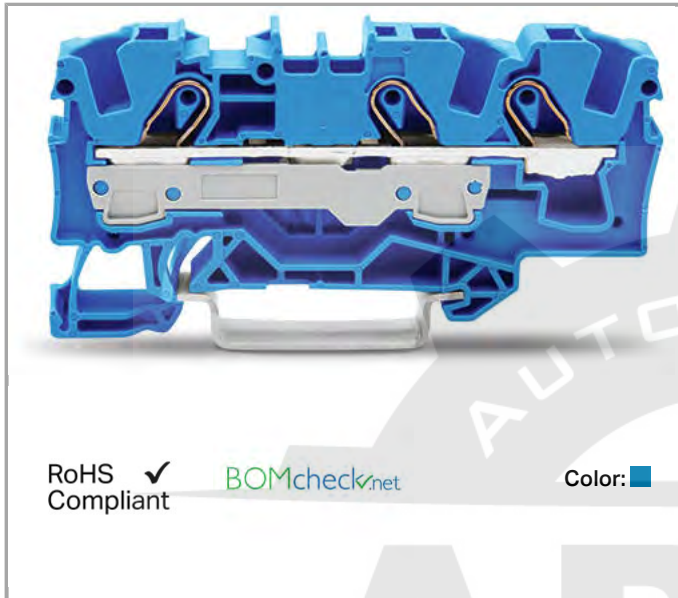


## Data sheet | Item number: 2006-1304

3-conductor through terminal block; 6 mm<sup>2</sup>; for Ex e II and Ex i applications;  
side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE  
CLAMP®



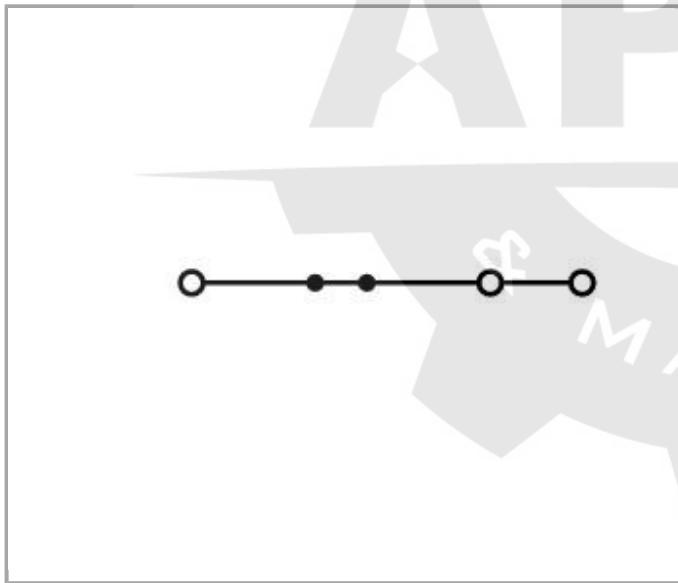
2006-1304



RoHS   
Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



### Data

#### Electrical data

|                                     |       |
|-------------------------------------|-------|
| Rated voltage EN (Ex e II)          | 550 V |
| Rated current (Ex e II)             | 36 A  |
| Rated current (Ex e II) with jumper | 33 A  |

## Ratings per IEC/EN 60664-1

|                                 |       |
|---------------------------------|-------|
| Rated voltage (III / 3)         | 800 V |
| Rated impulse voltage (III / 3) | 8 kV  |
| Rated current                   | 41 A  |
| Rated current (2)               | 57 A  |

## Approvals per UL 1059

|                                |       |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 50 A  |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 50 A  |

## Approvals per CSA

|                                 |       |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 50 A  |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 50 A  |

## Connection data

|                                      |                                                                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection technology                | Push-in CAGE CLAMP®                                                                                                               |
| Actuation type                       | Push-in<br>Open Tool Slot                                                                                                         |
| Connectable conductor materials      | Copper                                                                                                                            |
| Nominal cross section                | 6 mm²                                                                                                                             |
| Solid conductor                      | 0.5 ... 10 mm² / 20 ... 8 AWG                                                                                                     |
| Solid conductor, push-in termination | 2.5 ... 10 mm² / 14 ... 8 AWG                                                                                                     |
| Fine-stranded conductor              | 0.5 ... 10 mm² / 20 ... 8 AWG                                                                                                     |
| Strip length                         | 13 ... 15 mm / 0.51 ... 0.59 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    | 3                                                                                                                                 |
| Total number of potentials           | 1                                                                                                                                 |
| Number of levels                     | 1                                                                                                                                 |
| Type of wiring                       | Front-entry wiring                                                                                                                |

## Geometrical Data

|                                       |                      |
|---------------------------------------|----------------------|
| Width                                 | 7.5 mm / 0.295 inch  |
| Height from upper-edge of DIN-35 rail | 32.9 mm / 1.295 inch |
| Depth                                 | 73.5 mm / 2.894 inch |

## Mechanical data

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

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | blue                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.193 MJ             |
| Weight              | 11.79 g              |

## Commercial data

|                    |               |
|--------------------|---------------|
| Product Group      | 22 (TOPJOB S) |
| Country of origin  | DE            |
| GTIN               | 4017332999694 |
| Customs Tariff No. | 85369010000   |

## Approvals / Certificates

### Ex-Approvals

| Logo                                                                               | Approval                                             | Additional Approval Text | Certificate name                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------|-------------------------------------------------------------------|
|  | ATEX<br>Physikalisch Technische Bundesanstalt (PTB)  | EN 60079                 | PTB 05<br>ATEX<br>1030 U (II<br>2 G Ex eII<br>bzw. IM 2<br>Exe I) |
|  | IECEx<br>Physikalisch Technische Bundesanstalt (PTB) | IEC 60079                | IECEx PTB<br>05.0014 U<br>(Ex eII C<br>Gb and Ex<br>el Mb)        |

### Country specific Approvals

| Logo                                                                               | Approval                        | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | IEC 60947                | NTR NL<br>7311   |
|  | CCA<br>DEKRA Certification B.V. | IEC 60947                | 71-<br>101179    |

|                                                                                  |                                 |               |         |
|----------------------------------------------------------------------------------|---------------------------------|---------------|---------|
|  | CSA<br>DEKRA Certification B.V. | C22.2 No. 158 | 1543858 |
|  | CSA<br>DEKRA Certification B.V. | C22.2 No. 158 | 1543858 |

#### 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           |

#### Compatible products

## Carrier rail

|                                                                                    |                                                                                                                                      |         |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------|
|    | <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>Item no.: 210-504</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715        | 210-504 |
|  | <b>Item no.: 210-505</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715      | 210-505 |
|  | <b>Item no.: 210-506</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715       | 210-506 |
|  | <b>Item no.: 210-508</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715         | 210-508 |

## End plate

|                                                                                    |                                                                                           |           |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------|
|  | <b>Item no.: 2006-1391</b><br>End and intermediate plate; 1 mm thick                      | 2006-1391 |
|  | <b>Item no.: 2006-1392</b><br>End and intermediate plate; 1 mm thick                      | 2006-1392 |
|  | <b>Item no.: 2006-1393</b><br>Separator plate; 2 mm thick; oversized                      | 2006-1393 |
|  | <b>Item no.: 2006-1394</b><br>Separator plate; 2 mm thick; oversized                      | 2006-1394 |
|  | <b>Item no.: 209-191</b><br>Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide | 209-191   |

## ferrule

|                                                                                    |                                                                                                                                                                                   |         |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 216-208</b><br>Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-208 |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|

|                                                                                    |                                                                                                                                                                          |                   |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|     | <b>Item no.: 216-262</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 | 216-262           |
|     | <b>Item no.: 216-263</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    | 216-263           |
|     | <b>Item no.: 216-264</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-264           |
|     | <b>Item no.: 216-266</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-266           |
|     | <b>Item no.: 216-267</b><br>Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90    | 216-267           |
| <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.: 2009-115</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                                                         | 2009-115          |
|   | <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                                                 | 2009-115 /000-002 |
|  | <b>Item no.: 2009-115/000-006</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                                                  | 2009-115 /000-006 |
|  | <b>Item no.: 2009-115/000-007</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                                                 | 2009-115 /000-007 |
|  | <b>Item no.: 2009-115/000-012</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                                                  | 2009-115 /000-012 |
|  | <b>Item no.: 2009-115/000-017</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                                                 | 2009-115 /000-017 |
|  | <b>Item no.: 2009-115/000-023</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                                                 | 2009-115 /000-023 |
|  | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                                                  | 2009-115 /000-024 |
|  | <b>Item no.: 2009-145</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                                                    | 2009-145          |
|  | <b>Item no.: 2009-145/000-002</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                                            | 2009-145 /000-002 |

|                                                                                    |                                                                                                                               |          |          |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------|----------|
|    | <b>Item no.: 2009-145/000-005</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-005 | 2009-145 |
|    | <b>Item no.: 2009-145/000-006</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-006 | 2009-145 |
|    | <b>Item no.: 2009-145/000-007</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-007 | 2009-145 |
|    | <b>Item no.: 2009-145/000-012</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-012 | 2009-145 |
|    | <b>Item no.: 2009-145/000-023</b><br>Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type  | /000-023 | 2009-145 |
|    | <b>Item no.: 2009-145/000-024</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-024 | 2009-145 |
|    | <b>Item no.: 2009-191</b><br>Group marker carrier                                                                             |          | 2009-191 |
|  | <b>Item no.: 2009-192</b><br>Group marker carrier                                                                             |          | 2009-192 |
|  | <b>Item no.: 2009-193</b><br>Group marker carrier                                                                             |          | 2009-193 |
|  | <b>Item no.: 2009-198</b><br>Adaptor                                                                                          |          | 2009-198 |
|  | <b>Item no.: 248-501</b><br>Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card  |          | 248-501  |
|  | <b>Item no.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-002 | 248-501  |
|  | <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-005 | 248-501  |
|  | <b>Item no.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-006 | 248-501  |
|  | <b>Item no.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-007 | 248-501  |
|  | <b>Item no.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-012 | 248-501  |



**Item no.: 248-501/000-017**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-017

248-501

**Item no.: 248-501/000-023**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-023

248-501

**Item no.: 248-501/000-024**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-024

248-501

**Item no.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type

793-501

**Item no.: 793-501/000-002**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-002

793-501

**Item no.: 793-501/000-005**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-005

793-501

**Item no.: 793-501/000-006**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-006

793-501

**Item no.: 793-501/000-007**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-007

793-501

**Item no.: 793-501/000-012**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-012

793-501

**Item no.: 793-501/000-017**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-017

793-501

**Item no.: 793-501/000-023**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-023

793-501

**Item no.: 793-501/000-024**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-024

793-501

**Item no.: 793-5501**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type

793-5501

**Item no.: 793-5501/000-002**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002

793-5501

**Item no.: 793-5501/000-005**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-005

793-5501





**Item no.: 793-5501/000-006**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

793-5501



**Item no.: 793-5501/000-007**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

793-5501



**Item no.: 793-5501/000-012**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012

793-5501



**Item no.: 793-5501/000-017**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-017

793-5501



**Item no.: 793-5501/000-023**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023

793-5501



**Item no.: 793-5501/000-024**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-024

793-5501

#### Protective Warning Marker



**Item no.: 2006-115**  
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

2006-115

#### tools



**Item no.: 210-721**  
Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm

210-721

#### General accessories



**Item no.: 2006-191**  
Lockout cap; for wire insertion and actuating opening

2006-191

#### check



**Item no.: 2006-511**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole

2006-511



**Item no.: 2006-549**  
Spacer module; modular; e.g., for bridging commoned terminal blocks

2006-549



**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 mm²; 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

#### Jumper



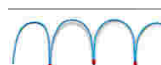
**Item no.: 2006-402**  
Push-in type jumper bar; insulated; 2-way; Nominal current 41 A

2006-402



**Item no.: 2006-403**  
Push-in type jumper bar; insulated; 3-way; Nominal current 41 A

2006-403

|                                                                                    |                                                                                                                                           |                      |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|    | <b>Item no.: 2006-404</b><br>Push-in type jumper bar; insulated; 4-way; Nominal current 41 A                                              | 2006-404             |
|    | <b>Item no.: 2006-405</b><br>Push-in type jumper bar; insulated; 5-way; Nominal current 41 A                                              | 2006-405             |
|    | <b>Item no.: 2006-405/011-000</b><br>Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block                                  | 2006-405<br>/011-000 |
|    | <b>Item no.: 2006-433</b><br>Push-in type jumper bar; insulated; from 1 to 3; Nominal current 41 A                                        | 2006-433             |
|    | <b>Item no.: 2006-434</b><br>Push-in type jumper bar; insulated; from 1 to 4; Nominal current 41 A                                        | 2006-434             |
|    | <b>Item no.: 2006-435</b><br>Push-in type jumper bar; insulated; from 1 to 5; Nominal current 41 A                                        | 2006-435             |
|    | <b>Item no.: 2006-499</b><br>Step-down jumper; insulated; from 6/4 mm <sup>2</sup> to 4/2.5/1.5 mm <sup>2</sup> ; Nominal current 32 A    | 2006-499             |
|    | <b>Item no.: 2016-499</b><br>Step-down jumper; insulated; from 16/10 mm <sup>2</sup> to 10/6/4/2.5 mm <sup>2</sup> ; Nominal current 57 A | 2016-499             |
|    | <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

|                                      |             |                 |          |
|--------------------------------------|-------------|-----------------|----------|
| 2006-1304<br>Reihenklemmen, TOPJOB S | Apr 4, 2012 | docx<br>15.2 kB | Download |
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## Additional Information

pdf  
2.1 MB

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## CAD/CAE - Smart Data

## CAD data

|                       |     |          |
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|-----------------------|-----|----------|



Subject to changes.

---