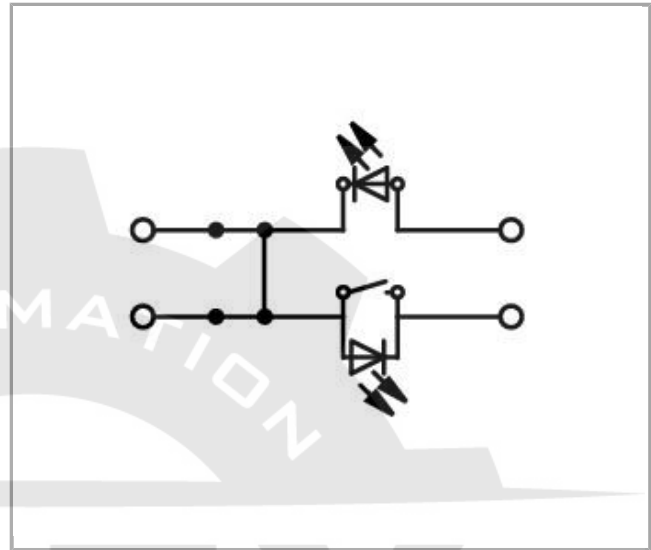
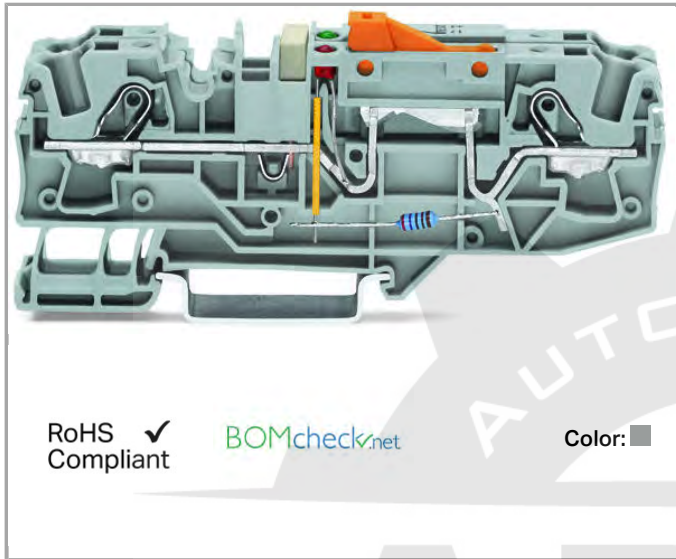


## Data sheet | Item number: 2006-1671/1000-850

Ground conductor disconnect terminal block; with test option; with orange disconnect link; 120 V; 6 mm<sup>2</sup>; Push-in CAGE CLAMP®



2006-1671/1000-850



### Data

#### Electrical data

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

|                                 |       |
|---------------------------------|-------|
| Rated voltage (III / 3)         | 500 V |
| Rated impulse voltage (III / 3) | 6 kV  |
| Rated current                   | 30 A  |

#### Approvals per UL 1059

|                                |       |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 120 V |
| Rated current UL (Use Group B) | 30 A  |
| Rated voltage UL (Use Group C) | 120 V |
| Rated current UL (Use Group C) | 30 A  |

#### Approvals per CSA

|                                 |       |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 30 A  |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 30 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    | 4                                                                                                                                 |
| Total number of potentials           | 4                                                                                                                                 |
| Number of levels                     | 1                                                                                                                                 |
| Type of wiring                       | Front-entry wiring                                                                                                                |

## Geometrical Data

|                                       |                      |
|---------------------------------------|----------------------|
| Width                                 | 15 mm / 0.591 inch   |
| Height from upper-edge of DIN-35 rail | 36.8 mm / 1.449 inch |
| Depth                                 | 96.3 mm / 3.791 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 MJ                 |
| Weight              | 42.41 g              |

## Commercial data

|                    |               |
|--------------------|---------------|
| Product Group      | 22 (TOPJOB S) |
| Country of origin  | DE            |
| GTIN               | 4045454789879 |
| Customs Tariff No. | 85365080990   |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                             | Approval                        | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | IEC 60947                | 71-<br>101179    |
|  | CCA<br>DEKRA Certification B.V. | IEC 60947                | NTR NL<br>7311   |
|  | 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 |
|  | 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>Underwriters Laboratories Inc. | UL 1059                  | E45172           |

#### Compatible products

## 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.: 2002-121**  
Adaptor

2002-121



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

2006-191

## ferrule



**Item no.: 216-208**  
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



**Item no.: 216-262**  
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

216-262



**Item no.: 216-263**  
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

216-263



**Item no.: 216-264**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-264



**Item no.: 216-266**  
Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-266



**Item no.: 216-267**  
Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-267

## 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



**Item no.: 2006-404**  
Push-in type jumper bar; insulated; 4-way; Nominal current 41 A

2006-404



**Item no.: 2006-405**  
Push-in type jumper bar; insulated; 5-way; Nominal current 41 A

2006-405



**Item no.: 2006-405/011-000**  
Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block

2006-405

/011-000



**Item no.: 2006-433**  
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              |
| <b>End plate</b>                                                                   |                                                                                                                                           |                      |
|    | <b>Item no.: 2006-1691</b><br>End and intermediate plate; 1 mm thick                                                                      | 2006-1691            |
|    | <b>Item no.: 2006-1692</b><br>End and intermediate plate; 1 mm thick                                                                      | 2006-1692            |
| <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<br>/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<br>/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<br>/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<br>/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<br>/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<br>/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<br>/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<br>/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 | 2009-145<br>/000-005 |
|    | <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 | 2009-145<br>/000-006 |
|    | <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 | 2009-145<br>/000-007 |
|    | <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 | 2009-145<br>/000-012 |
|    | <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  | 2009-145<br>/000-023 |
|  | <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 | 2009-145<br>/000-024 |
|  | <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                      | 248-501<br>/000-002  |
|  | <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | 248-501<br>/000-005  |

**Item no.: 248-501/000-006**

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

248-501

/000-006

**Item no.: 248-501/000-007**

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

248-501

/000-007

**Item no.: 248-501/000-012**

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

248-501

/000-012

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

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

248-501

/000-017

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

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

248-501

/000-023

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

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

248-501

/000-024

**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

793-501

/000-002

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

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

793-501

/000-005

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

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

793-501

/000-006

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

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

793-501

/000-007

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

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

793-501

/000-012

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

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

793-501

/000-017

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

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

793-501

/000-023

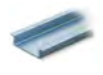
**Item no.: 793-501/000-024**

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

793-501

/000-024



|                                                                                    |                                                                                                                                                   |                      |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|    | <b>Item no.: 793-5501</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type         | 793-5501             |
|    | <b>Item no.: 793-5501/000-002</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501<br>/000-002 |
|    | <b>Item no.: 793-5501/000-005</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type                                       | 793-5501<br>/000-005 |
|    | <b>Item no.: 793-5501/000-006</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type                                       | 793-5501<br>/000-006 |
|    | <b>Item no.: 793-5501/000-007</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type                                       | 793-5501<br>/000-007 |
|    | <b>Item no.: 793-5501/000-012</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type                                       | 793-5501<br>/000-012 |
|    | <b>Item no.: 793-5501/000-017</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type                                       | 793-5501<br>/000-017 |
|  | <b>Item no.: 793-5501/000-023</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type                                       | 793-5501<br>/000-023 |
|  | <b>Item no.: 793-5501/000-024</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type                                       | 793-5501<br>/000-024 |
| <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>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  |
| <b>check</b>                                                                     |                                                                                                                                 |          |
|  | <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 mm²; 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  |

## Downloads

## Documentation

## Bid Text

|                    |                 |          |
|--------------------|-----------------|----------|
| 2006-1671/1000-850 | docx<br>15.6 kB | Download |
|--------------------|-----------------|----------|

## Additional Information

pdf  
2.1 MB

Download

## CAD/CAE - Smart Data

## CAD data

|                                |     |          |
|--------------------------------|-----|----------|
| 3D Download 2006-1671/1000-850 | URL | Download |
|--------------------------------|-----|----------|

Subject to changes.