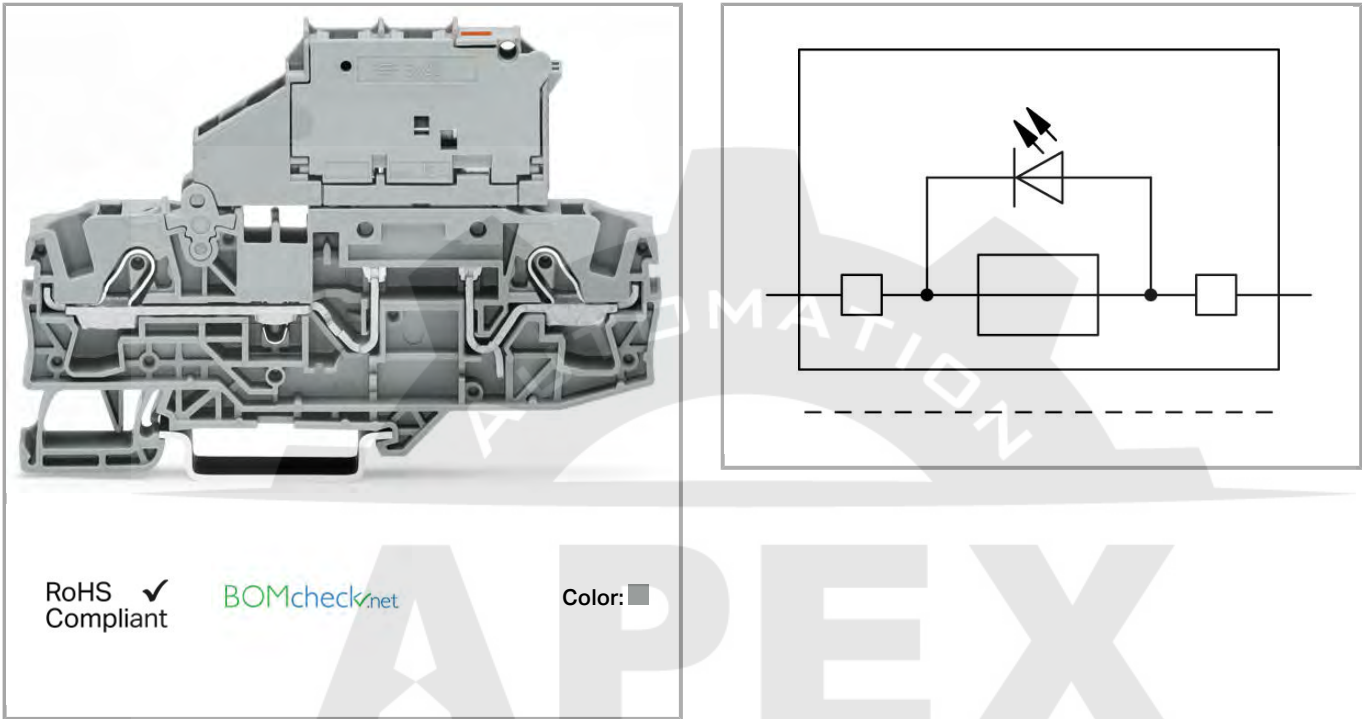


**Data sheet | Item number: 2006-1611/1000-542**



2-conductor fuse terminal block; with pivoting fuse holder; for 5 x 20 mm miniature metric fuse; with blown fuse indication by LED; 30 - 65 V; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm<sup>2</sup>; Push-in CAGE CLAMP®

2006-1611/1000-542



**Item description**

**Safety information 1:**  
Electrical ratings are given by the fuse and blown fuse indication.

**Safety information 2:**  
Leakage current in case of blown fuse: LED 2mA

**Data**  
**Electrical data**

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

|                                 |       |
|---------------------------------|-------|
| Rated voltage (III / 3)         | 800 V |
| Rated impulse voltage (III / 3) | 8 kV  |
| Rated current                   | 10 A  |

**Approvals per CSA**

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

Rated current CSA (Use Group C)

15 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    | 2                                                                                                                                 |
| 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 | 59 mm / 2.323 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           | 0.959 MJ             |
| Weight              | 24.95 g              |

## Commercial data

|                    |               |
|--------------------|---------------|
| Product Group      | 22 (TOPJOB S) |
| Country of origin  | DE            |
| GTIN               | 4045454823993 |
| Customs Tariff No. | 85369095990   |

## Approvals / Certificates

### 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 |

### 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

## End plate



**Item no.: 2006-1691**  
End and intermediate plate; 1 mm thick

2006-1691



**Item no.: 2006-1692**  
End and intermediate plate; 1 mm thick

2006-1692



**Item no.: 2006-991**  
End plate for fuse terminal blocks; 2 mm thick

2006-991



**Item no.: 2006-992**  
End plate for fuse terminal blocks; 2 mm thick

2006-992

## General accessories



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

2006-191

## 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



**Item no.: 2006-434**  
Push-in type jumper bar; insulated; from 1 to 4; Nominal current 41 A

2006-434



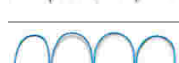
**Item no.: 2006-435**  
Push-in type jumper bar; insulated; from 1 to 5; Nominal current 41 A

2006-435



**Item no.: 210-103**  
Wire commoning chain; insulated; 50 connections

210-103



**Item no.: 210-123**  
Wire commoning chain; insulated; 50 connections

210-123

## tools

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

210-721



## 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 |

## Marking accessories

|                                                                                    |                                                                                                                          |                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------|
|  | <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.: 2009-115/000-005</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115<br>/000-005 |
|  | <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      | /000-007 | 2009-115 |
|   | <b>Item no.: 2009-115/000-012</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type       | /000-012 | 2009-115 |
|   | <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      | /000-017 | 2009-115 |
|   | <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      | /000-023 | 2009-115 |
|   | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type       | /000-024 | 2009-115 |
|    | <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 | /000-002 | 2009-145 |
|  | <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.: 2009-198</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  |

**Item no.: 248-501/000-002**

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

248-501

/000-002

**Item no.: 248-501/000-005**

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

248-501

/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



**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

793-5501  
/000-002



**Item no.: 793-5501/000-005**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

793-5501  
/000-005



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

793-5501  
/000-006



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

793-5501  
/000-007



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

793-5501  
/000-012



**Item no.: 793-5501/000-014**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

793-5501  
/000-014



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

793-5501  
/000-017



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

793-5501  
/000-023



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

793-5501  
/000-024

#### N-busbar



**Item no.: 210-254**  
Interlocking link; mechanically locks multiple links; 1 m long

210-254

#### check



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

210-136

#### 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 |
|  | <b>Item no.: 216-262</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 | 216-262 |
|  | <b>Item no.: 216-263</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    | 216-263 |
|  | <b>Item no.: 216-264</b><br>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 |
|  | <b>Item no.: 216-266</b><br>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 |
|  | <b>Item no.: 216-267</b><br>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 |

## Downloads

## Documentation

## Bid Text

|                    |                 |          |
|--------------------|-----------------|----------|
| 2006-1611/1000-542 | docx<br>16.0 kB | Download |
|--------------------|-----------------|----------|

## Additional Information

pdf  
2.1 MB

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## CAD/CAE - Smart Data

## CAD data

|                                |     |          |
|--------------------------------|-----|----------|
| 3D Download 2006-1611/1000-542 | URL | Download |
|--------------------------------|-----|----------|

Subject to changes.