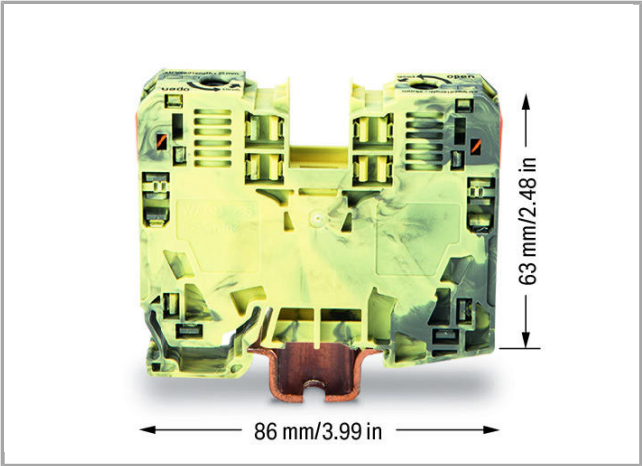
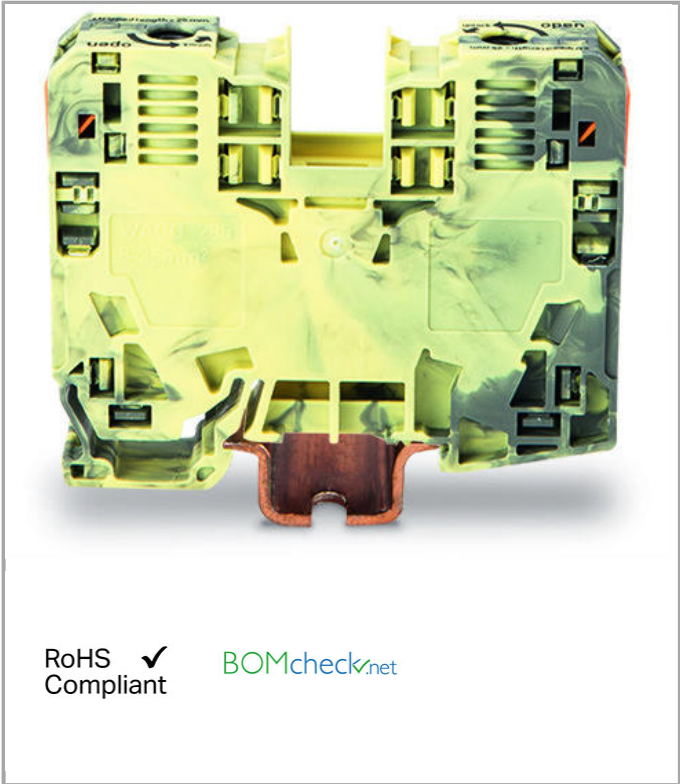


**Data sheet | Item number: 285-131**  
2-conductor through terminal block; 35 mm<sup>2</sup>; lateral marker slots; only for  
DIN 35 x 15 rail; 2.3 mm thick; copper; POWER CAGE CLAMP



285-131



RoHS Compliant [BOMcheck.net](#)

**Item description**

**Safety information 1:**  
sively on DIN-35 x 15 rail

**Data**  
**Electrical data**

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

|                                 |        |
|---------------------------------|--------|
| Rated voltage (III / 3)         | 1000 V |
| Rated impulse voltage (III / 3) | 8 kV   |
| Rated current                   | 125 A  |

**Connection data**

|                                 |                  |
|---------------------------------|------------------|
| Connection technology           | POWER CAGE CLAMP |
| Actuation type                  | Operating tool   |
| Connectable conductor materials | Copper           |

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Solid conductor                   | 6 ... 35 mm <sup>2</sup> / 10 ... 2 AWG |
| Fine-stranded conductor           | 6 ... 35 mm <sup>2</sup> / 10 ... 2 AWG |
| Strip length                      | 25 mm / 0.98 inch                       |
| Total number of connection points | 2                                       |
| Total number of potentials        | 1                                       |
| Number of levels                  | 1                                       |
| Type of wiring                    | Side-entry wiring                       |

### Geometrical Data

|                                       |                    |
|---------------------------------------|--------------------|
| Width                                 | 16 mm / 0.63 inch  |
| Height from upper-edge of DIN-35 rail | 63 mm / 2.48 inch  |
| Depth                                 | 86 mm / 3.386 inch |

### Mechanical data

|                  |              |
|------------------|--------------|
| Design           | horizontal   |
| Type of mounting | DIN-35 rail  |
| Marking level    | Side marking |

### Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | dark gray-yellow     |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0 MJ                 |
| Weight              | 79.291 g             |

### Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | PL            |
| GTIN               | 4055143500838 |
| Customs Tariff No. | 85369010000   |

### Approvals / Certificates

#### Country specific Approvals

| Logo                                                                               | Approval                        | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | EN 60947                 | NTR NL-7707      |
|  | CSA<br>DEKRA Certification B.V. | C22.2                    | 1151144          |



KEMA/KEUR  
DEKRA Certification B.V.

EN 60947

71-  
101911

#### Ship Approvals

| Logo                                                                             | Approval                                  | Additional Approval Text | Certificate name         |
|----------------------------------------------------------------------------------|-------------------------------------------|--------------------------|--------------------------|
|  | <b>ABS</b><br>American Bureau of Shipping | EN 60947                 | 14-<br>HG1293677-<br>PDA |

#### UL-Approvals

| Logo                                                                             | Approval                                    | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|---------------------------------------------|--------------------------|------------------|
|  | <b>UL</b><br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |

#### Compatible products

##### protection

|                                                                                    |                                                                                                                                       |         |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 285-420</b><br>Protective warning marker; with high-voltage symbol, black                                                | 285-420 |
|  | <b>Item no.: 285-421</b><br>Finger guard; touchproof cover protects unused conductor entries; for 35 mm <sup>2</sup> high-current tbs | 285-421 |

##### tools

|                                                                                    |                                                                                                         |         |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 210-721</b><br>Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm | 210-721 |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------|

##### General accessories

|                                                                                    |                                                                                                                                               |         |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 249-105</b><br>Group marker carrier                                                                                              | 249-105 |
|   | <b>Item no.: 283-404</b><br>Test plug adapter; 11.6 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm <sup>2</sup> - 16 mm <sup>2</sup> tbs | 283-404 |
|  | <b>Item no.: 285-427</b><br>Power tap; for 35 mm <sup>2</sup> high-current tbs; Module width 8 mm                                             | 285-427 |

## Carrier rail

|                                                                                  |                                                                                                                                |         |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------|
|  | <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.: 210-118</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.: 210-197</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.: 210-506</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 | 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 |



Item no.: 285-442  
Adaptor

285-442



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

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

**assembling****Item no.: 210-148**

Angled support bracket; without screw

210-148

**Item no.: 249-117**

Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5

249-117

**Item no.: 249-197**

Screwless end stop; 14 mm wide; for DIN-rail 35 x 15 and 35 x 7.5

249-197

**ferrule****Item no.: 216-413**Ferrule; Sleeve for 25 mm<sup>2</sup> / AWG 4; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

216-413

**Item no.: 216-414**Ferrule; Sleeve for 35 mm<sup>2</sup> / AWG 2; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

216-414

**potential distribution****Item no.: 283-407**Power tap; with 500 mm cable; for 16 mm<sup>2</sup> (283/783 Series) and 35 mm<sup>2</sup>

283-407

**Jumper****Item no.: 285-430**

Step-down jumper; insulated; from 285-13x to 2010 and 2016 Series TOPJOB®S terminal blocks; Nominal current 90 A

285-430

**Item no.: 285-435**

Adjacent jumper; insulated; Nominal current 85 A

285-435

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285-131

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Product family

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Subject to changes.