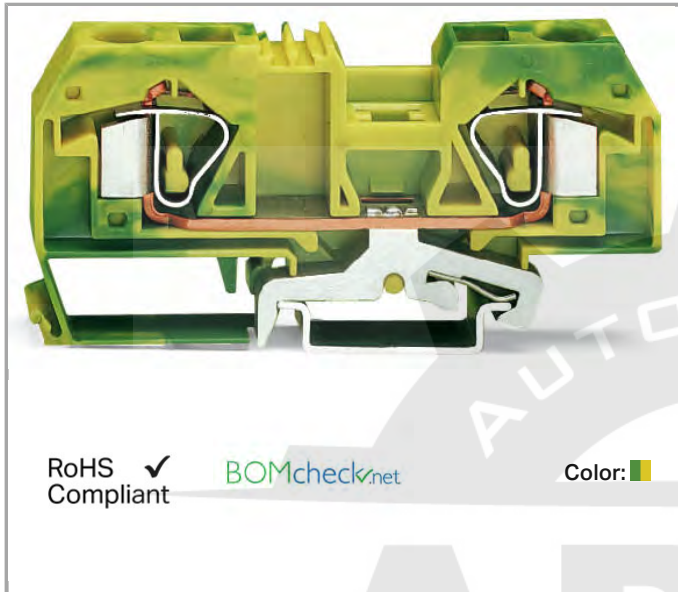


## Data sheet | Item number: 283-907

2-conductor ground terminal block; 16 mm<sup>2</sup>; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®



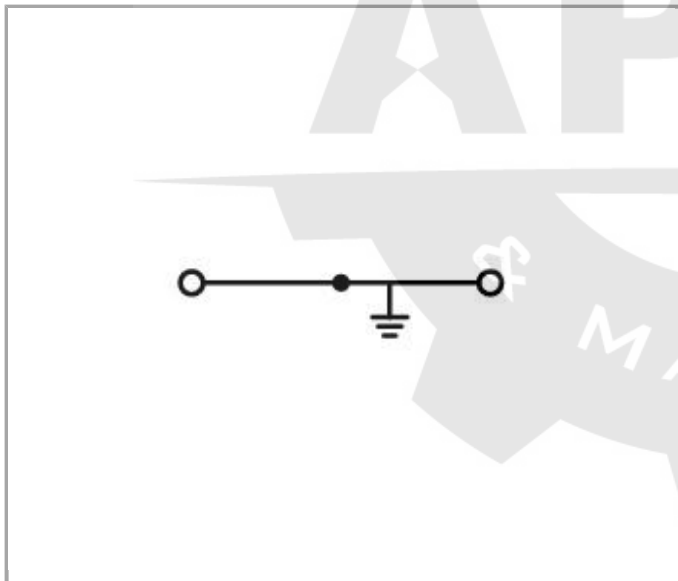
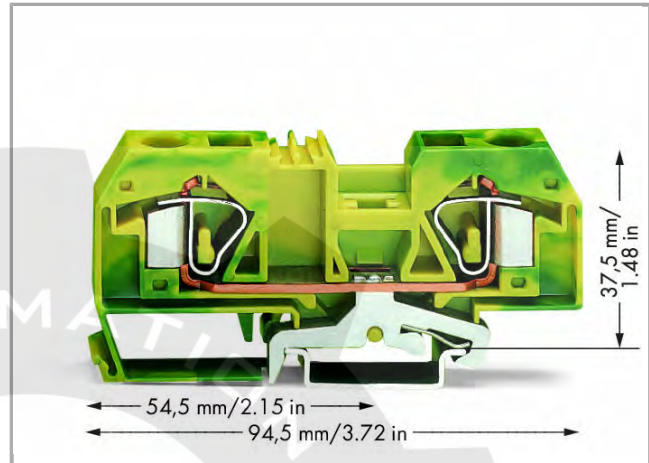
283-907



RoHS  
Compliant

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

Color:



### Data

#### Connection data

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Connection technology           | CAGE CLAMP®                               |
| Actuation type                  | Operating tool                            |
| Connectable conductor materials | Copper                                    |
| Solid conductor                 | 0.2 ... 16 mm <sup>2</sup> / 24 ... 6 AWG |
| Fine-stranded conductor         | 0.2 ... 16 mm <sup>2</sup> / 24 ... 6 AWG |

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Strip length                      | 16 ... 17 mm / 0.63 ... 0.67 inch |
| Total number of connection points | 2                                 |
| Total number of potentials        | 1                                 |
| Number of levels                  | 1                                 |
| Type of wiring                    | Front-entry wiring                |

## Geometrical Data

|                                       |                      |
|---------------------------------------|----------------------|
| Width                                 | 12 mm / 0.472 inch   |
| Height from upper-edge of DIN-35 rail | 37.5 mm / 1.476 inch |
| Depth                                 | 94.5 mm / 3.72 inch  |

## Mechanical data

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

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | green-yellow         |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.502 MJ             |
| Weight              | 46.55 g              |

## Commercial data

|                    |                                  |
|--------------------|----------------------------------|
| Product Group      | 1 (Rail Mounted Terminal Blocks) |
| Country of origin  | DE                               |
| GTIN               | 4045454084561                    |
| 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-7456/A1   |
|  | CSA<br>DEKRA Certification B.V. | C22.2 No. 158            | 1536072          |
|                                                                                    | KEMA/KEUR                       | EN 60947                 | 2187239.03       |

DEKRA Certification B.V.



## Ship Approvals

| Logo                                                                              | Approval                                                | Additional Approval Text | Certificate name         |
|-----------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------|--------------------------|
|   | <b>ABS</b><br>American Bureau of Shipping               | -                        | 14-<br>HG1293677-<br>PDA |
|   | <b>BV</b><br>Bureau Veritas S.A.                        | EN 60947                 | 07436/E0 BV              |
|   | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |
|  | <b>LR</b><br>Lloyds Register                            | EN 60947                 | 91/20112<br>(E9)         |

## UL-Approvals

| Logo                                                                               | Approval                                   | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|--------------------------------------------|--------------------------|------------------|
|  | <b>UL</b><br>UL International Germany GmbH | UL 1059                  | E45172           |

## Compatible products

## General accessories

|                                                                                    |                                           |         |
|------------------------------------------------------------------------------------|-------------------------------------------|---------|
|  | Item no.: 249-105<br>Group marker carrier | 249-105 |
|------------------------------------------------------------------------------------|-------------------------------------------|---------|



**Item no.: 283-400**  
Finger guard; touchproof cover protects unused conductor entries

283-400



**Item no.: 283-404**  
Test plug adapter; 11.6 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm² - 16 mm² tbs

283-404

## ferrule



**Item no.: 216-108**  
Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated

216-108



**Item no.: 216-109**  
Ferrule; Sleeve for 10 mm² / AWG 8; uninsulated; electro-tin plated

216-109



**Item no.: 216-284**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-284



**Item no.: 216-286**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-286



**Item no.: 216-287**  
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-287



**Item no.: 216-288**  
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-288



**Item no.: 216-289**  
Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-289

## 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



**Item no.: 210-113**  
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715

210-113



**Item no.: 210-114**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

210-114



**Item no.: 210-115**  
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



**Item no.: 210-118**  
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

210-118



**Item no.: 210-196**  
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715

210-196



**Item no.: 210-197**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715

210-197



**Item no.: 210-198**  
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

210-198



**Item no.: 210-504**  
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715

210-504

**Item no.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715

210-505

**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715

210-506

**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715

210-508

**End plate****Item no.: 283-325**

End and intermediate plate; 2.5 mm thick

283-325

**Item no.: 283-326**

Separator plate; 2 mm thick; oversized

283-326

**Item no.: 283-328**

End and intermediate plate; 2.5 mm thick

283-328

**Item no.: 283-329**

Separator plate; 2 mm thick; oversized

283-329

**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

**Marking accessories****Item no.: 2009-115**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

**Item no.: 2009-115/000-002**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-002

**Item no.: 2009-115/000-006**

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-006

**Item no.: 2009-115/000-007**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-007

**Item no.: 2009-115/000-012**

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-012

**Item no.: 2009-115/000-017**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-017

**Item no.: 2009-115/000-023**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-023

**Item no.: 2009-115/000-024**

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-024



**Item no.: 209-185**  
Adaptor

209-185



**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.: 793-5501/000-017**

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

**Jumper****Item no.: 283-402**

Adjacent jumper; insulated; Nominal current 70 A

283-402

**Item no.: 283-409**

Alternate jumper; insulated; Nominal current 76 A

283-409

**Item no.: 283-422**

Adjacent jumper; insulated; Nominal current 70 A

283-422

**Item no.: 285-435**

Adjacent jumper; insulated; Nominal current 85 A

285-435

**tools****Item no.: 210-721**

Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm

210-721

**Protective Warning Marker****Item no.: 283-415**

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

283-415

**assembling****Item no.: 209-106**

Mounting carrier; for isolated mounting on DIN 35 rails

209-106

**Item no.: 709-154**

Cover; Type 2; suitable for cover carrier, type 2; 1 m long

709-154

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CAD/CAE - Smart Data

CAD data

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Subject to changes.