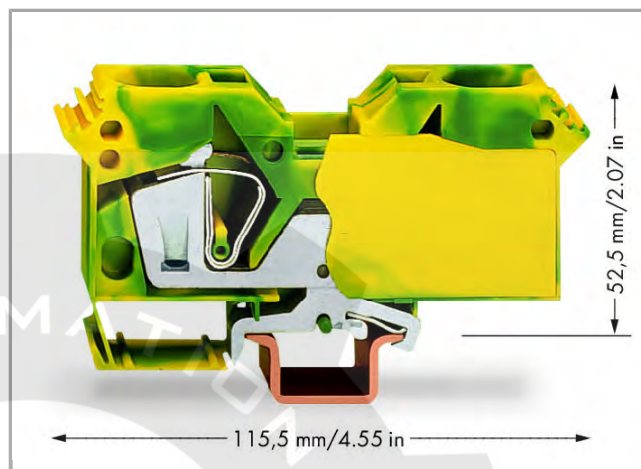
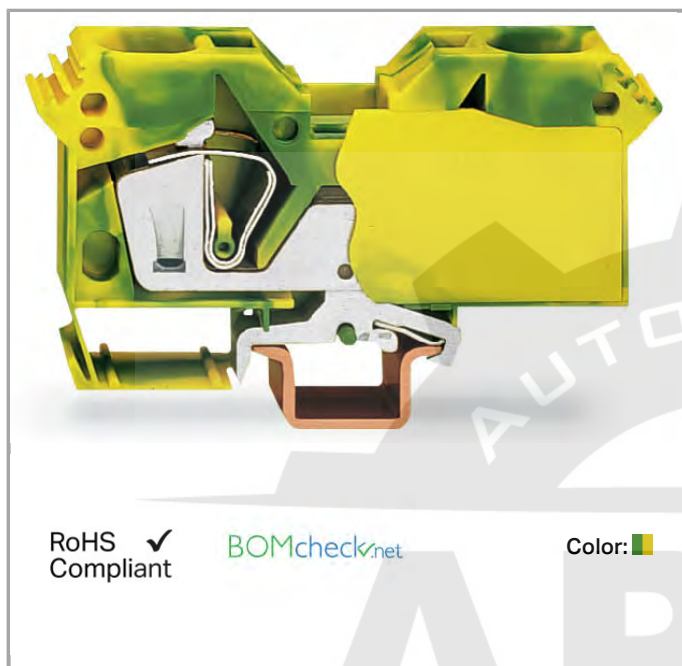


## Data sheet | Item number: 285-607

2-conductor ground terminal block; 35 mm<sup>2</sup>; lateral marker slots; only for DIN 35 x 15 rail; CAGE CLAMP®



285-607



RoHS Compliant

[BOMcheck.net](#)

Color:

### Data

#### Connection data

|                                   |                                        |
|-----------------------------------|----------------------------------------|
| Connection technology             | CAGE CLAMP®                            |
| Actuation type                    | Operating tool                         |
| Connectable conductor materials   | Copper                                 |
| Solid conductor                   | 6 ... 35 mm <sup>2</sup> / 8 ... 2 AWG |
| Strip length                      | 23 mm / 0.91 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                                 | 16 mm / 0.63 inch     |
| Height from upper-edge of DIN-35 rail | 52.5 mm / 2.067 inch  |
| Depth                                 | 115.5 mm / 4.547 inch |

#### Mechanical data

|        |            |
|--------|------------|
| Design | horizontal |
|--------|------------|

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

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | green-yellow         |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 1.164 MJ             |
| Weight              | 152.283 g            |

## Commercial data

|                    |                                  |
|--------------------|----------------------------------|
| Product Group      | 1 (Rail Mounted Terminal Blocks) |
| Country of origin  | DE                               |
| GTIN               | 4045454116101                    |
| Customs Tariff No. | 85369010000                      |

## Approvals / Certificates

### Ex-Approvals

| Logo                                                                               | Approval                              | Additional Approval Text | Certificate name  |
|------------------------------------------------------------------------------------|---------------------------------------|--------------------------|-------------------|
|  | AEx<br>Underwriters Laboratories Inc. | -                        | E185892<br>sec. 4 |

### Country specific Approvals

| Logo                                                                               | Approval                              | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V.       | EN 60947                 | NTR NL-<br>7707  |
|  | CSA<br>DEKRA Certification B.V.       | C22.2 No. 158            | 1151144          |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947                 | 71-<br>101911    |

### Ship Approvals

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



**BV**  
Bureau Veritas S.A.

EN 60947

07436/E0  
BV



**LR**  
Lloyds Register

EN 60947

91/20112  
(E9)

#### UL-Approvals

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

#### Compatible products

##### 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 |

##### End plate



**Item no.: 285-327**  
Separator plate; 2 mm thick; oversized

285-327



**Item no.: 285-337**  
Separator plate; 2 mm thick; oversized

285-337

**Jumper**

**Item no.: 283-402**  
Adjacent jumper; insulated; Nominal current 70 A

283-402



**Item no.: 283-422**  
Adjacent jumper; insulated; Nominal current 70 A

283-422

**Protective Warning Marker**

**Item no.: 285-415**  
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

285-415

**assembling**

**Item no.: 209-106**  
Mounting carrier; for isolated mounting on DIN 35 rails

209-106

**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.: 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**

793-5501

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

/000-017

**Item no.: 793-5501/000-023**

793-5501

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

/000-023

**Item no.: 793-5501/000-024**

793-5501

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

/000-024

**General accessories****Item no.: 249-105**

249-105

Group marker carrier

**Item no.: 283-404**

283-404

Test plug adapter; 11.6 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm² - 16 mm² tbs

**Item no.: 285-400**

285-400

Finger guard; touchproof cover protects unused conductor entries

**ferrule****Item no.: 216-108**

216-108

Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated

**Item no.: 216-109**

216-109

Ferrule; Sleeve for 10 mm² / AWG 8; uninsulated; electro-tin plated

**Item no.: 216-110**

216-110

Ferrule; Sleeve for 16 mm² / AWG 6; uninsulated; electro-tin plated

**Item no.: 216-208**

216-208

Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

**Item no.: 216-209**

216-209

Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated

**Item no.: 216-210**

216-210

Ferrule; Sleeve for 16 mm² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

**Item no.: 216-288**

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

**Item no.: 216-289**

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

**Item no.: 216-413**

216-413

Ferrule; Sleeve for 25 mm² / AWG 4; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

**Item no.: 216-414**

216-414

Ferrule; Sleeve for 35 mm² / AWG 2; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

**Item no.: 216-424**

216-424

Ferrule; Sleeve for 35 mm² / AWG 2; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

**tools**



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

210-721

Downloads  
CAD/CAE - Smart Data  
CAD data

| 3D Download 285-607 | URL | Download |
|---------------------|-----|----------|
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Subject to changes.