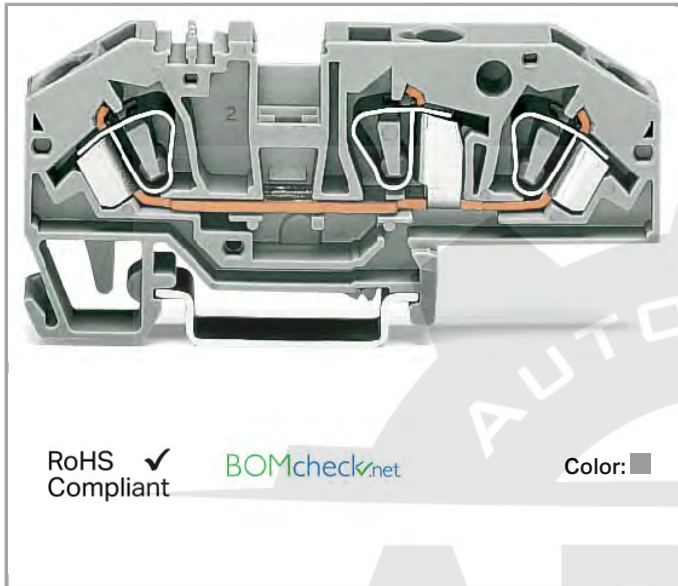


## Data sheet | Item number: 282-699

3-conductor through terminal block; 6 mm<sup>2</sup>; with test option; same profile as 3-conductor disconnect terminal block; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®



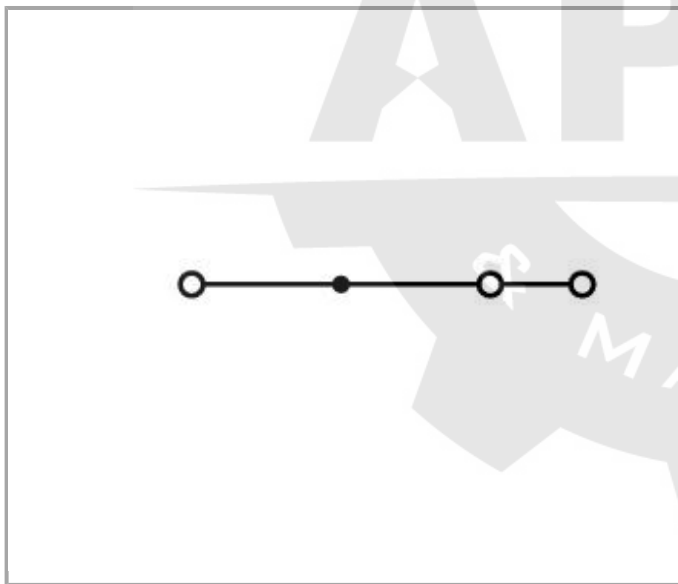
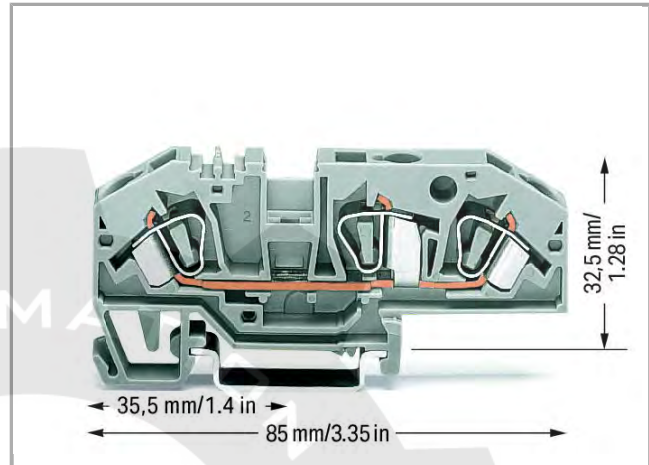
282-699



RoHS Compliant

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

Color:



### Data

#### Electrical data

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

|                                 |       |
|---------------------------------|-------|
| Rated voltage (III / 3)         | 800 V |
| Rated impulse voltage (III / 3) | 8 kV  |
| Rated current                   | 41 A  |

## Connection data

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Connection technology             | CAGE CLAMP®                       |
| Actuation type                    | Operating tool                    |
| Connectable conductor materials   | Copper                            |
| Solid conductor                   | 0.2 ... 6 mm² / 24 ... 10 AWG     |
| Fine-stranded conductor           | 0.2 ... 6 mm² / 24 ... 10 AWG     |
| Strip length                      | 12 ... 13 mm / 0.47 ... 0.51 inch |
| Total number of connection points | 3                                 |
| Total number of potentials        | 1                                 |
| Number of levels                  | 1                                 |
| Type of wiring                    | Front-entry wiring                |

## Geometrical Data

|                                       |                     |
|---------------------------------------|---------------------|
| Width                                 | 8 mm / 0.315 inch   |
| Height from upper-edge of DIN-35 rail | 32.5 mm / 1.28 inch |
| Depth                                 | 85 mm / 3.346 inch  |

## Mechanical data

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

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.313 MJ             |
| Weight              | 19.765 g             |

## Commercial data

|                    |                                  |
|--------------------|----------------------------------|
| Product Group      | 1 (Rail Mounted Terminal Blocks) |
| Country of origin  | CN                               |
| GTIN               | 4050821234548                    |
| 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-7522      |

# CCA

|                                                                                  |                                        |          |            |
|----------------------------------------------------------------------------------|----------------------------------------|----------|------------|
|  | <b>CCA</b><br>DEKRA Certification B.V. | EN 60947 | 2195540.01 |
|----------------------------------------------------------------------------------|----------------------------------------|----------|------------|

|                                                                                  |                                        |               |         |
|----------------------------------------------------------------------------------|----------------------------------------|---------------|---------|
|  | <b>CSA</b><br>DEKRA Certification B.V. | C22.2 No. 158 | 1505033 |
|----------------------------------------------------------------------------------|----------------------------------------|---------------|---------|

## Ship Approvals

| Logo                                                                               | Approval                                                | Additional Approval Text | Certificate name         |
|------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------|--------------------------|
|    | <b>ABS</b><br>American Bureau of Shipping               | EN 60947                 | 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>UR</b><br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |

## Compatible products

## 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.: 209-143**

Group marker carrier

209-143

**Item no.: 209-144**

Group marker carrier

209-144

**Item no.: 249-105**

Group marker carrier

249-105

**Item no.: 709-310**

B-type test plug module; modular; suitable for all WAGO 282 Series rail-mounted terminal blocks with jumper slots

709-310

**Item no.: 709-311**

B-type spacer module; modular; e.g., for bridging commoned terminal blocks

709-311

## assembling

**Item no.: 209-106**

Mounting carrier; for isolated mounting on DIN 35 rails

209-106

**Item no.: 709-153**

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

709-153

## 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**

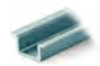
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

210-114

**Item no.: 210-115**

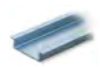
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm

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**

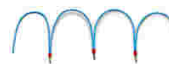
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715

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

|                                                                                    |                                                                                                                                 |                      |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|----------------------|
|    | <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>Jumper</b>                                                                      |                                                                                                                                 |                      |
|    | <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>Item no.: 282-402</b><br>Adjacent jumper; insulated; Nominal current 41 A                                                    | 282-402              |
|    | <b>Item no.: 282-409</b><br>Alternate jumper; insulated; Nominal current 41 A                                                   | 282-409              |
|  | <b>Item no.: 282-422</b><br>Adjacent jumper; insulated; Nominal current 41 A                                                    | 282-422              |
|  | <b>Item no.: 282-424</b><br>Adjacent jumper; insulated; Nominal current 41 A                                                    | 282-424              |
|  | <b>Item no.: 709-110</b><br>Wire commoning chain; insulated; 4 connections; 3 x 110 mm                                          | 709-110              |
|  | <b>Item no.: 709-111</b><br>Wire commoning chain; insulated; 3 connections; 2 x 120 mm                                          | 709-111              |
|  | <b>Item no.: 709-112</b><br>Wire commoning chain; insulated; 3 connections; 2 x 170 mm                                          | 709-112              |
| <b>End plate</b>                                                                   |                                                                                                                                 |                      |
|  | <b>Item no.: 282-333</b><br>End plate; 2 mm thick                                                                               | 282-333              |
|  | <b>Item no.: 282-334</b><br>End plate; 2 mm thick                                                                               | 282-334              |
| <b>Marking accessories</b>                                                         |                                                                                                                                 |                      |
|  | <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  | /000-006 | 2009-115 |
|   | <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.: 793-501</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                              |          | 793-501  |
|  | <b>Item no.: 793-501/000-002</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                      | /000-002 | 793-501  |
|  | <b>Item no.: 793-501/000-005</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                      | /000-005 | 793-501  |
|  | <b>Item no.: 793-501/000-006</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                      | /000-006 | 793-501  |
|  | <b>Item no.: 793-501/000-007</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                      | /000-007 | 793-501  |
|  | <b>Item no.: 793-501/000-012</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                      | /000-012 | 793-501  |
|  | <b>Item no.: 793-501/000-017</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                      | /000-017 | 793-501  |
|  | <b>Item no.: 793-501/000-023</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                      | /000-023 | 793-501  |
|  | <b>Item no.: 793-501/000-024</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                      | /000-024 | 793-501  |

|                                                                                    |                                                                                                                                                   |                      |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|    | <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.: 793-5501/000-014</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type                                       | 793-5501<br>/000-014 |
|  | <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>protection</b>                                                                  |                                                                                                                                                   |                      |
|  | <b>Item no.: 282-415</b><br>Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks                                     | 282-415              |
| <b>Protective Warning Marker</b>                                                   |                                                                                                                                                   |                      |
|  | <b>Item no.: 282-405</b><br>Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks                                     | 282-405              |
| <b>check</b>                                                                       |                                                                                                                                                   |                      |
|   | <b>Item no.: 209-170</b><br>Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm² - 10 mm² tbs                              | 209-170              |
|  | <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable                                                                                  | 210-136              |
| <b>ferrule</b>                                                                     |                                                                                                                                                   |                      |
|                                                                                    | <b>Item no.: 216-262</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight                   | 216-262              |



crimped; acc. to DIN 46228, Part 4/09.90

**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

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