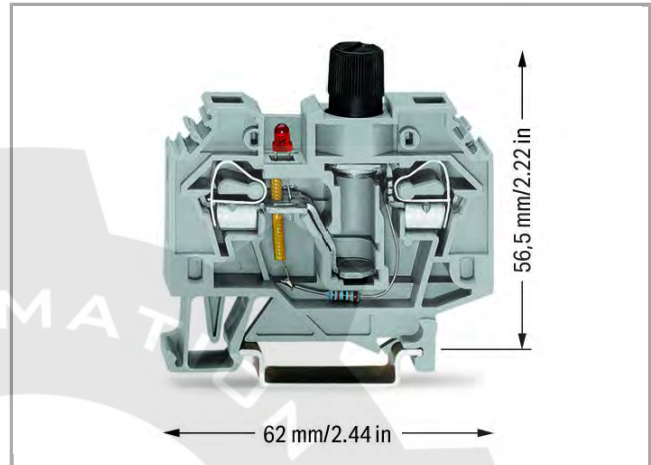
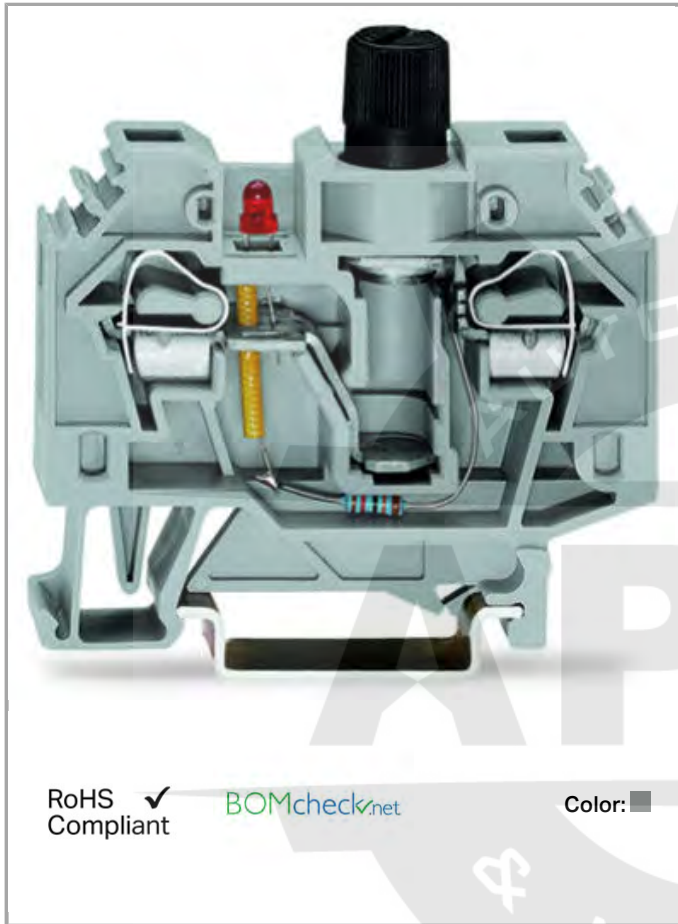


**Data sheet | Item number: 282-128/281-413**

2-conductor fuse terminal block; for miniature metric fuse 1/4 x 1 1/4 mm;  
with blown fuse indication by LED; 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 6  
mm<sup>2</sup>; CAGE CLAMP®



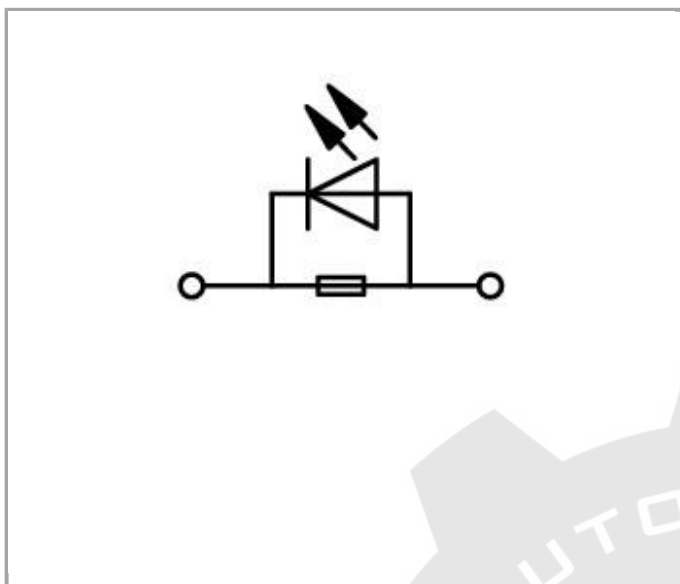
282-128/281-413



RoHS ☒ Compliant

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

Color: ☐



## Data

### Electrical data

|                  |    |
|------------------|----|
| Voltage type (1) | DC |
|------------------|----|

### Ratings per IEC/EN 60664-1

|                         |      |
|-------------------------|------|
| Rated voltage (III / 3) | 24 V |
| Rated current           | 10 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 | 2                                 |
| Total number of potentials        | 2                                 |
| Number of levels                  | 1                                 |
| Type of wiring                    | Side-entry wiring                 |

### Geometrical Data

|                                       |                      |
|---------------------------------------|----------------------|
| Width                                 | 13 mm / 0.512 inch   |
| Height from upper-edge of DIN-35 rail | 56.5 mm / 2.224 inch |
| Depth                                 | 62 mm / 2.441 inch   |

## Mechanical data

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

## Material Data

|           |          |
|-----------|----------|
| Color     | gray     |
| Fire load | 0 MJ     |
| Weight    | 27.951 g |

## Commercial data

|                    |                                  |
|--------------------|----------------------------------|
| Product Group      | 1 (Rail Mounted Terminal Blocks) |
| Country of origin  | CN                               |
| GTIN               | 4050821110323                    |
| Customs Tariff No. | 85369095990                      |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                               | Approval                              | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------------|--------------------------|------------------|
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947                 | NTR NL-7135      |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947                 | 2160584.31       |

### Ship Approvals

| Logo                                                                               | Approval                                         | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------|------------------|
|  | ABS<br>American Bureau of Shipping               | EN 60947                 | 14-HG1293677-PDA |
|  | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2       |

### UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|----------|--------------------------|------------------|
|------|----------|--------------------------|------------------|



UR  
Underwriters Laboratories Inc.

UL 1059

E45172

## Compatible products

### End plate

|                                                                                  |                                                                    |         |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------|---------|
|  | <b>Item no.: 282-311</b><br>End and intermediate plate; 4 mm thick | 282-311 |
|  | <b>Item no.: 282-312</b><br>End and intermediate plate; 4 mm thick | 282-312 |

### ferrule

|                                                                                   |                                                                                                                                                                                      |         |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|  | <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 |

### General accessories

|                                                                                    |                                                                                                                        |         |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 249-105</b><br>Group marker carrier                                                                       | 249-105 |
|  | <b>Item no.: 281-407</b><br>Test plug; 6 mm wide; Nominal current 24 A; for 0.08 mm <sup>2</sup> - 2.5 mm <sup>2</sup> | 281-407 |
|  | <b>Item no.: 282-454</b><br>Miniature metric fuse; without indicator; L" x 1L"; super quick                            | 282-454 |
|  | <b>Item no.: 282-457</b><br>Miniature metric fuse; without indicator; L" x 1L"; medium-slow                            | 282-457 |

### Protective Warning Marker



**Item no.: 282-405**  
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

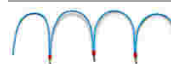
282-405

## Jumper



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

210-103



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

210-123



**Item no.: 282-402**  
Adjacent jumper; insulated; Nominal current 41 A

282-402



**Item no.: 282-409**  
Alternate jumper; insulated; Nominal current 41 A

282-409



**Item no.: 282-422**  
Adjacent jumper; insulated; Nominal current 41 A

282-422



**Item no.: 282-424**  
Adjacent jumper; insulated; Nominal current 41 A

282-424



**Item no.: 709-110**  
Wire commoning chain; insulated; 4 connections; 3 x 110 mm

709-110



**Item no.: 709-111**  
Wire commoning chain; insulated; 3 connections; 2 x 120 mm

709-111



**Item no.: 709-112**  
Wire commoning chain; insulated; 3 connections; 2 x 170 mm

709-112

## tools



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

210-721

## 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

|                                                                                    |                                                                                                                                                   |          |          |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
|   | <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 | /000-002 | 793-5501 |
|  | <b>Item no.: 793-5501/000-005</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type                                       | /000-005 | 793-5501 |
|  | <b>Item no.: 793-5501/000-006</b><br>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.: 793-5501/000-014**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-014

793-5501



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

/000-017

793-5501



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

/000-023

793-5501



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

/000-024

793-5501

## 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

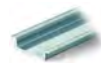
709-153

## 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



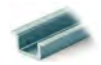
**Item no.: 210-114**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

210-114



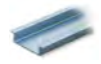
**Item no.: 210-115**  
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm

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



**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

**check****Item no.: 209-170**Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm<sup>2</sup> - 10 mm<sup>2</sup> tbs

209-170

**Downloads****Documentation****Bid Text**

282-128/281-413

doc  
25.6 kB[Download](#)**CAD/CAE - Smart Data****CAD data**

3D Download 282-128/281-413

[URL](#)[Download](#)

Subject to changes.