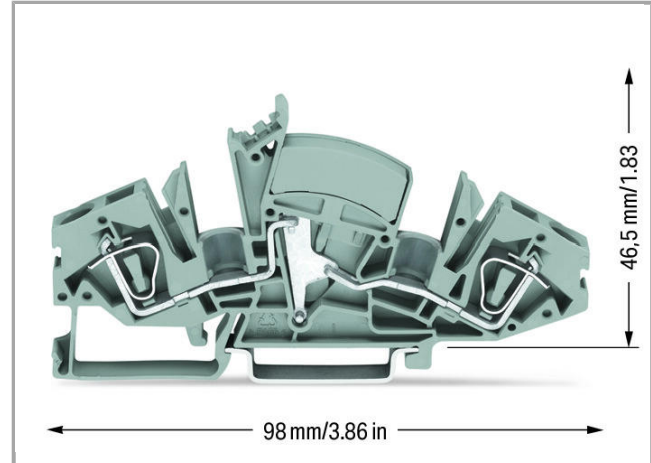
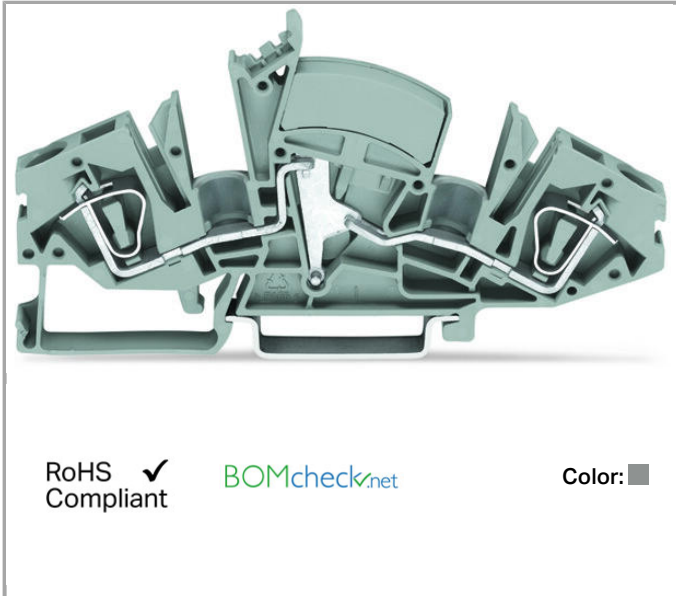


## Data sheet | Item number: 282-841/049-000

2-conductor through terminal block; 6 mm<sup>2</sup>; without test sockets; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®



282-841/049-000



RoHS  Compliant

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

Color: ■

### Data

#### Electrical data

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

|                                 |       |
|---------------------------------|-------|
| Rated voltage (III / 3)         | 500 V |
| Rated impulse voltage (III / 3) | 6 kV  |
| Rated current                   | 30 A  |

#### Connection data

|                                   |   |
|-----------------------------------|---|
| Connection technology             | CAGE CLAMP®                               |
| Actuation type                    | Operating tool                            |
| Connectable conductor materials   | Copper                                    |
| Solid conductor                   | 0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG |
| Fine-stranded conductor           | 0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG |
| Strip length                      | 12 ... 13 mm / 0.47 ... 0.51 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                                 | 8 mm / 0.315 inch    |
| Height from upper-edge of DIN-35 rail | 46.5 mm / 1.831 inch |
| Depth                                 | 98 mm / 3.858 inch   |

## Mechanical data

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

## Material Data

|           |          |
|-----------|----------|
| Color     | gray     |
| Fire load | 0.35 MJ  |
| Weight    | 20.596 g |

## Commercial data

|                    |                                  |
|--------------------|----------------------------------|
| Product Group      | 1 (Rail Mounted Terminal Blocks) |
| Country of origin  | CN                               |
| GTIN               | 4050821227540                    |
| Customs Tariff No. | 85369010000                      |




## Approvals / Certificates

### Country specific Approvals













| Logo   | Approval                        | Additional Approval Text | Certificate name |
|--|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | EN 60947                 | 2195540.01       |
|  | CCA<br>DEKRA Certification B.V. | IEC 60947                | 2195540.01       |
|  | CCA<br>DEKRA Certification B.V. | EN 60947                 | NTR NL-7522      |

## Compatible products
















### assembling
















|  |   |         |
|--|---|---------|
|  | <b>Item no.: 209-106</b><br>Mounting carrier; for isolated mounting on DIN 35 rails     | 209-106 |
|  | <b>Item no.: 210-148</b><br>Angled support bracket; without screw                       | 210-148 |
|  | <b>Item no.: 709-154</b><br>Cover; Type 2; suitable for cover carrier, type 2; 1 m long | 709-154 |
















### Carrier rail

|  |  |         |
|--|--|---------|
|    | <b>Item no.: 210-112</b><br>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 |
|   | <b>Item no.: 210-113</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715                  | 210-113 |
|  | <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.: 210-115</b><br>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 |
|  | <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.: 210-196</b><br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715               | 210-196 |
|  | <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.: 210-504</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 |

## Marking accessories

|   |   |                      |
|---|---|----------------------|
|    | <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       | 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 |
|  | <b>Item no.: 2009-145</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type         | 2009-145             |
|  | <b>Item no.: 2009-145/000-002</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145<br>/000-002 |
|  | <b>Item no.: 2009-145/000-005</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145<br>/000-005 |
|  | <b>Item no.: 2009-145/000-006</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145<br>/000-006 |
|  | <b>Item no.: 2009-145/000-007</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145<br>/000-007 |
|  | <b>Item no.: 2009-145/000-012</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145<br>/000-012 |
|  | <b>Item no.: 2009-145/000-023</b><br>Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type  | 2009-145<br>/000-023 |

|  |   |          |          |
|--|---|----------|----------|
|    | <b>Item no.: 2009-145/000-024</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-024 | 2009-145 |
|    | <b>Item no.: 248-501</b><br>Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card  |          | 248-501  |
|    | <b>Item no.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-002 | 248-501  |
|    | <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-005 | 248-501  |
|    | <b>Item no.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-006 | 248-501  |
|    | <b>Item no.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-007 | 248-501  |
|    | <b>Item no.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-012 | 248-501  |
|  | <b>Item no.: 248-501/000-017</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-017 | 248-501  |
|  | <b>Item no.: 248-501/000-023</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-023 | 248-501  |
|  | <b>Item no.: 248-501/000-024</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-024 | 248-501  |
|  | <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   | 793-501<br>/000-012  |
|    | <b>Item no.: 793-501/000-017</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | 793-501<br>/000-017  |
|    | <b>Item no.: 793-501/000-023</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | 793-501<br>/000-023  |
|    | <b>Item no.: 793-501/000-024</b><br>WMB marking card; as card; not stretchable; plain; snap-on type   | 793-501<br>/000-024  |
|    | <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>End plate</b>   |   |                      |
|  | <b>Item no.: 282-360</b><br>End and separator plate; for 2-conductor longitudinal switching disconnect terminal block; 1.5 mm thick               | 282-360              |



Item no.: 282-365

End and separator plate; for 2-conductor longitudinal switching disconnect terminal block; 1.5 mm thick

282-365

## protection



Item no.: 282-415

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

282-415

## tools



Item no.: 210-721

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

210-721

## Jumper



Item no.: 282-432

Jumper; insulated; 2-way; Nominal current 30 A

282-432



Item no.: 282-432/100-000

Jumper with safety lid; insulated; 2-way; Nominal current 30 A

282-432

/ 100-000



Item no.: 282-433

Jumper; insulated; 3-way; Nominal current 30 A

282-433



Item no.: 282-433/100-000

Jumper with safety lid; insulated; 3-way; Nominal current 30 A

282-433

/ 100-000



Item no.: 282-434

Jumper; insulated; 4-way; Nominal current 30 A

282-434



Item no.: 282-434/100-000

Jumper with safety lid; insulated; 4-way; Nominal current 30 A

282-434

/ 100-000



Item no.: 282-435

Jumper; insulated; 5-way; Nominal current 30 A

282-435



Item no.: 282-435/011-000

Jumper; insulated; 3-way (1-3-5); Nominal current 30 A; special version

282-435

/ 011-000



Item no.: 282-435/301-000

Jumper

282-435

/ 301-000



Item no.: 282-436

Jumper; insulated; 6-way; Nominal current 30 A

282-436



Item no.: 282-436/301-000

Jumper; insulated; 1-2-4-6; Nominal current 30 A; special version

282-436

/ 301-000



Item no.: 282-436/304-000

Jumper

282-436














/ 304-000



Item no.: 282-437

Jumper; insulated; 7-way; Nominal current 30 A

282-437

|   |  |                     |
|---|--|---------------------|
|   | <b>Item no.: 282-437/011-000</b><br>Jumper; insulated; 1-3-5-7; Nominal current 30 A; special version  | 282-437<br>/011-000 |
|   | <b>Item no.: 282-437/012-000</b><br>Jumper; insulated; 1-4-7; Nominal current 30 A; special version  | 282-437<br>/012-000 |
|   | <b>Item no.: 282-438</b><br>Jumper; insulated; 8-way; Nominal current 30 A   | 282-438             |
|   | <b>Item no.: 282-438/300-000</b><br>Jumper; insulated; 1-2-5-8; Nominal current 30 A; special version  | 282-438<br>/300-000 |
|   | <b>Item no.: 282-438/301-000</b><br>Jumper; insulated; 1-4-7-8; Nominal current 30 A; special version  | 282-438<br>/301-000 |
|   | <b>Item no.: 282-439</b><br>Jumper; insulated; 9-way; Nominal current 30 A   | 282-439             |
|   | <b>Item no.: 282-439/011-000</b><br>Jumper; insulated; 1-3-5-7-9; Nominal current 30 A; special version  | 282-439<br>/011-000 |
|  | <b>Item no.: 282-440</b><br>Jumper; insulated; 10-way; Nominal current 30 A  | 282-440             |
| <b>ferrule</b>  |  |                     |
|  | <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             |

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Subject to changes.

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