

## Data sheet | Item number: 264-284

4-conductor terminal strip; suitable for Ex e II applications; 4-pole; without push-buttons; with snap-in mounting feet; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 2.5 mm<sup>2</sup>; CAGE CLAMP®



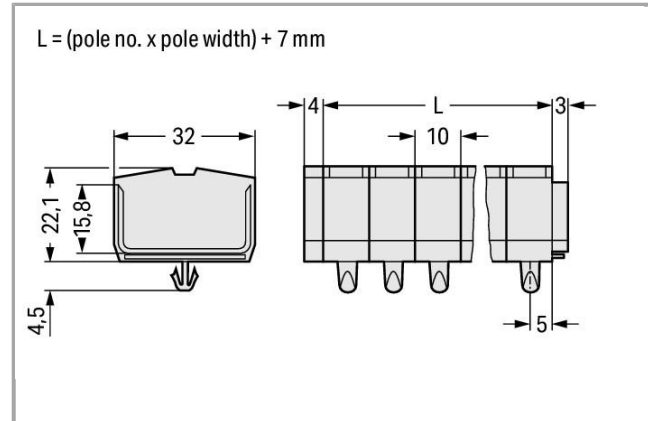
264-284



RoHS  Compliant

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

Color:



### Data

#### Electrical data

Rated voltage EN (Ex e II) 690 V

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

Rated current 23 A

#### Connection data

|                                   |  |
|-----------------------------------|--|
| Connection technology             | CAGE CLAMP®                                  |
| Actuation type                    | Operating tool                               |
| Connectable conductor materials   | Copper                                       |
| Solid conductor                   | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor           | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Strip length                      | 8 ... 9 mm / 0.31 ... 0.35 inch              |
| Note (conductor cross-section)    | 12 AWG: THHN, THWN                           |
| No. of poles                      | 4  |
| Total number of connection points | 16   |
| Total number of potentials        | 4  |

|                  |                    |
|------------------|--------------------|
| Number of levels | 1                  |
| Type of wiring   | Front-entry wiring |

### Geometrical Data

|                         |                     |
|-------------------------|---------------------|
| Width                   | 47 mm / 1.85 inch   |
| Height from the surface | 22.1 mm / 0.87 inch |
| Depth                   | 32 mm / 1.26 inch   |
| Module width            | 10 mm / 0.394 inch  |

### Mechanical data

|               |                |
|---------------|----------------|
| Design        | horizontal     |
| Marking level | Center marking |

### Material Data




|           |            |
|-----------|------------|
| Color     | light gray |
| Fire load | 0.52 MJ    |
| Weight    | 28 g       |

### Commercial data


|                    |                             |
|--------------------|-----------------------------|
| Product Group      | 9 (Std. Chassis Mt. Blocks) |
| Country of origin  | DE                          |
| GTIN               | 4044918415866               |
| Customs Tariff No. | 85369010000                 |

### Approvals / Certificates


#### Ex-Approvals

| Logo   | Approval  | Additional Approval Text | Certificate name                                   |
|--|---|--------------------------|--|
|  | <b>AEx</b><br>UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt | UL 60079                 | E185892  |
|  | <b>ATEX</b><br>Physikalisch Technische Bundesanstalt (PTB)                            | EN 60079                 | PTB 98<br>ATEX<br>3129 U (II<br>2 G/D EEx<br>e II) |
|  | <b>IECEX</b><br>Physikalisch Technische Bundesanstalt (PTB)                           | IEC 60079                | IECEX PTB<br>04.0003U<br>(Ex e IIC<br>Gb)          |



#### Country specific Approvals

| Logo   | Approval                        | Additional Approval Text | Certificate name |
|--|---------------------------------|--------------------------|------------------|
|  | CSA<br>DEKRA Certification B.V. | C22.2                    | 70010891         |

## Ship Approvals





| Logo  | Approval              | Additional Approval Text | Certificate name |
|---|-----------------------|--------------------------|------------------|
|  | LR<br>Lloyds Register | IEC 60998                | 91/20242<br>(E7) |




















## UL-Approvals

















| Logo   | Approval                             | Additional Approval Text | Certificate name  |
|--|--------------------------------------|--------------------------|-------------------|
|    | UR<br>Underwriters Laboratories Inc. | UL 1059                  | E45172,<br>sec. 6 |
|  | UR<br>Underwriters Laboratories Inc. | UL 1059                  | E45172,<br>sec. 6 |















## Compatible products

## tools

|  |   |         |
|--|---|---------|
|  | <b>Item no.: 209-130</b><br>Operating tool; suitable for 264, 280 and 281 Series; 1-way; of insulating material | 209-130 |
|  | <b>Item no.: 210-657</b><br>Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short          | 210-657 |
|  | <b>Item no.: 210-658</b><br>Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled  | 210-658 |
|  | <b>Item no.: 210-720</b><br>Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm         | 210-720 |

|  |  |         |
|--|--|---------|
|    | <b>Item no.: 280-432</b><br>Operating tool; of insulating material; 2-way                                      | 280-432 |
| <b>Carrier rail</b>  |  |         |
|    | <b>Item no.: 210-154</b><br>Aluminum carrier rail; 1000 mm long; 18 mm wide; 7 mm high                         | 210-154 |
| <b>General accessories</b>   |  |         |
|    | <b>Item no.: 209-122</b><br>Plastic end stop; for WSB markers; for 210-154 aluminum rail                       | 209-122 |
| <b>ferrule</b>   |  |         |
|    | <b>Item no.: 216-101</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated  | 216-101 |
|    | <b>Item no.: 216-102</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated | 216-102 |
|    | <b>Item no.: 216-103</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated    | 216-103 |
|    | <b>Item no.: 216-104</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated  | 216-104 |
|    | <b>Item no.: 216-106</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; uninsulated; electro-tin plated  | 216-106 |
|  | <b>Item no.: 216-121</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated  | 216-121 |
|  | <b>Item no.: 216-122</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated | 216-122 |
|  | <b>Item no.: 216-123</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated    | 216-123 |
|  | <b>Item no.: 216-124</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated  | 216-124 |
|  | <b>Item no.: 216-131</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated | 216-131 |
|  | <b>Item no.: 216-132</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated | 216-132 |
|  | <b>Item no.: 216-151</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated | 216-151 |
|  | <b>Item no.: 216-152</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated | 216-152 |
|  | <b>Item no.: 216-201</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated    | 216-201 |
|  | <b>Item no.: 216-202</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated   | 216-202 |
|  | <b>Item no.: 216-203</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated      | 216-203 |

|  |   |                   |
|--|---|-------------------|
|    | <b>Item no.: 216-204</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated                   | 216-204           |
|    | <b>Item no.: 216-205</b><br>Ferrule; Sleeve for 2.08 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated                  | 216-205           |
|    | <b>Item no.: 216-206</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated                   | 216-206           |
|    | <b>Item no.: 216-221</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated                   | 216-221           |
|    | <b>Item no.: 216-222</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated                  | 216-222           |
|    | <b>Item no.: 216-223</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated                     | 216-223           |
|    | <b>Item no.: 216-224</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated                   | 216-224           |
|  | <b>Item no.: 216-321</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated                  | 216-321           |
|    | <b>Item no.: 216-322</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated                  | 216-322           |
| <b>Marking accessories</b>   |   |                   |
|  | <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 /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 /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 /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 /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 /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 /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 | 2009-145 /000-024 |

|  |  |                     |
|--|--|---------------------|
|    | <b>Item no.: 209-290</b><br>Marker tags; not stretchable; plain; snap-on type  | 209-290             |
|    | <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                     | 248-501<br>/000-002 |
|    | <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                     | 248-501<br>/000-005 |
|    | <b>Item no.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                     | 248-501<br>/000-006 |
|    | <b>Item no.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                     | 248-501<br>/000-007 |
|    | <b>Item no.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                     | 248-501<br>/000-012 |
|   | <b>Item no.: 248-501/000-017</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                     | 248-501<br>/000-017 |
|  | <b>Item no.: 248-501/000-023</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                     | 248-501<br>/000-023 |
|  | <b>Item no.: 248-501/000-024</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                     | 248-501<br>/000-024 |
| <b>assembling</b>  |  |                     |
|  | <b>Item no.: 709-153</b><br>Cover; Type 1; suitable for cover carrier, type 1; 1 m long                                      | 709-153             |
| <b>Jumper</b>  |  |                     |
|  | <b>Item no.: 264-402</b><br>Comb-style jumper bar; insulated; 2-way; reduces conductor size to 1.5 mm                        | 264-402             |
|  | <b>Item no.: 280-492</b><br>Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block                        | 280-492             |
| <b>check</b>   |  |                     |
|  | <b>Item no.: 249-139</b><br>Test plug module; without locking device; modular; for 4-conductor terminal blocks               | 249-139             |



Downloads

**Documentation**

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**CAD data**

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Subject to changes.

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