

## Data sheet | Item number: 262-189

2-conductor terminal strip; suitable for Ex e II applications; 9-pole; without push-buttons; with snap-in mounting feet; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 4 mm<sup>2</sup>; CAGE CLAMP®



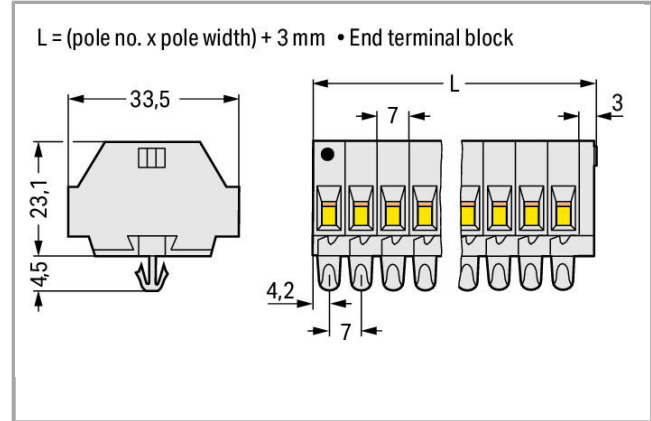
262-189



RoHS Compliant

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

Color:



### Data

#### Electrical data

Rated voltage EN (Ex e II) 550 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                   | 0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG |
| Fine-stranded conductor           | 0.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG |
| Strip length                      | 9 ... 10 mm / 0.35 ... 0.39 inch          |
| No. of poles                      | 9   |
| Total number of connection points | 18  |
| Total number of potentials        | 9   |

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

### Geometrical Data

|                         |                      |
|-------------------------|----------------------|
| Width                   | 67.4 mm / 2.654 inch |
| Height from the surface | 23 mm / 0.906 inch   |
| Depth                   | 33.5 mm / 1.319 inch |
| Module width            | 7 mm / 0.276 inch    |

### Mechanical data

|               |                       |
|---------------|-----------------------|
| Design        | horizontal            |
| Mounting type | Snap-in mounting foot |
| Marking level | Side marking          |

### Material Data



|           |            |
|-----------|------------|
| Color     | light gray |
| Fire load | 0.757 MJ   |
| Weight    | 39.042 g   |

### Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4044918642088 |
| Customs Tariff No. | 85369010000   |

### Approvals / Certificates

#### Ex-Approvals


| Logo   | Approval  | Additional Approval Text | Certificate name                                 |
|--|---|--------------------------|--|
|  | AEx<br>UL International Germany GmbH c/o Physikalisch<br>Technische Bundesanstalt | UL 60079                 | E185892<br>sec 6                                 |
|  | ATEX<br>Physikalisch Technische Bundesanstalt (PTB)                               | EN 60079                 | PTB 98<br>ATEX<br>3125 U (II<br>2 G EEx e<br>II) |

#### Country specific Approvals

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





## UL-Approvals


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

## Compatible products








## assembling




















|  |   |         |
|--|---|---------|
|   | <b>Item no.: 209-120</b><br>Mounting foot; can be snapped on terminal blocks with snap-in mounting foot; for mounting on relay-modules; 6.4 mm wide | 209-120 |
|  | <b>Item no.: 209-137</b><br>Mounting adapter; can be used as end plate; 6.5 mm wide   | 209-137 |



















## Jumper












|  |   |         |
|--|---|---------|
|  | <b>Item no.: 262-402</b><br>Comb-style jumper bar; insulated; 2-way; reduces conductor size to 2.5 mm | 262-402 |
|--|---|---------|

## ferrule

|  |  |         |
|--|--|---------|
|  | <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.: 216-108</b><br>Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; uninsulated; electro-tin plated    | 216-108 |
|  | <b>Item no.: 216-109</b><br>Ferrule; Sleeve for 10 mm <sup>2</sup> / AWG 8; uninsulated; electro-tin plated    | 216-109 |
|  | <b>Item no.: 216-110</b><br>Ferrule; Sleeve for 16 mm <sup>2</sup> / AWG 6; uninsulated; electro-tin plated    | 216-110 |

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|    | <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.: 216-141</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92  | 216-141 |
|    | <b>Item no.: 216-142</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | 216-142 |
|    | <b>Item no.: 216-143</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92    | 216-143 |
|   | <b>Item no.: 216-144</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92  | 216-144 |
|  | <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.: 216-208</b><br>Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90      | 216-208 |

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|    | <b>Item no.: 216-209</b><br>Ferrule; Sleeve for 10 mm <sup>2</sup> / AWG 8; insulated; electro-tin plated  | 216-209 |
|    | <b>Item no.: 216-210</b><br>Ferrule; Sleeve for 16 mm <sup>2</sup> / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90    | 216-210 |
|    | <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.: 216-241</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-241 |
|    | <b>Item no.: 216-242</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 | 216-242 |
|   | <b>Item no.: 216-243</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    | 216-243 |
|  | <b>Item no.: 216-244</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  | 216-244 |
|  | <b>Item no.: 216-246</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  | 216-246 |
|  | <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 |
|  | <b>Item no.: 216-284</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  | 216-284 |
|  | <b>Item no.: 216-286</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  | 216-286 |

|  |   |         |
|--|---|---------|
|    | <b>Item no.: 216-287</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 | 216-287 |
|    | <b>Item no.: 216-288</b><br>Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-288 |
|    | <b>Item no.: 216-289</b><br>Ferrule; Sleeve for 10 mm <sup>2</sup> / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-289 |
|  | <b>Item no.: 216-301</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated  | 216-301 |
|    | <b>Item no.: 216-302</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated  | 216-302 |
|  | <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>tools</b>   |   |         |
|    | <b>Item no.: 209-132</b><br>Operating tool; for connecting comb-style jumper bar; 2-way; of insulating material   | 209-132 |
|   | <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>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 |

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