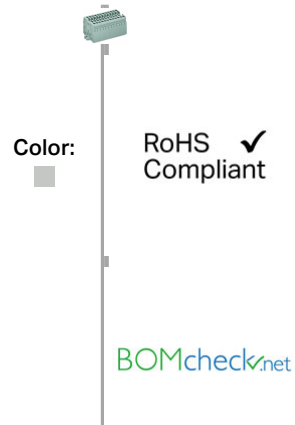


## Data sheet | Item number: 869-140

Terminal strip; 10-pole; without push-buttons; with fixing flanges M3; for screw or similar mounting types; Fixing hole 3.2 mm Ø; 2.5 mm<sup>2</sup>; CAGE CLAMP®



869-140



### Item description

#### Safety information 1:

Max. insulation diameter: 4.4mm

### Data

#### Electrical data

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

|                                 |       |
|---------------------------------|-------|
| Rated voltage (III / 3)         | 500 V |
| Rated impulse voltage (III / 3) | 6 kV  |
| Rated current                   | 24 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 ... 4 mm <sup>2</sup> / 28 ... 12 AWG   |
| Strip length                      | 6 ... 7 mm / 0.24 ... 0.28 inch              |
| No. of poles                      | 10   |
| Total number of connection points | 20   |
| Total number of potentials        | 10   |
| Number of levels                  | 1  |
| Type of wiring                    | Front-entry wiring                           |

## Geometrical Data

|                         |                      |
|-------------------------|----------------------|
| Width                   | 64.5 mm / 2.539 inch |
| Height from the surface | 27.6 mm / 1.087 inch |
| Depth                   | 33.4 mm / 1.315 inch |
| Module width            | 5 mm / 0.197 inch    |

## Mechanical data

|               |                 |
|---------------|-----------------|
| Design        | horizontal      |
| Mounting type | Mounting flange |
| Marking level | Side marking    |

## Material Data

|           |            |
|-----------|------------|
| Color     | light gray |
| Fire load | 0.774 MJ   |
| Weight    | 42.8 g     |

## Commercial data


|                    |   |
|--------------------|---|
| Product Group      | 16 (Rail Mounted Terminal Block with CCC) |
| Country of origin  | DE  |
| GTIN               | 4044918481014                             |
| 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<br>6827/A1 |
|  | CCA<br>DEKRA Certification B.V. | EN 60947                 | 2143311.02        |

### Ship Approvals

| Logo   | Approval                           | Additional Approval Text | Certificate name         |
|--|------------------------------------|--------------------------|--------------------------|
|  | ABS<br>American Bureau of Shipping | EN 60947                 | 14-<br>HG1293677-<br>PDA |




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TAE00001V2

### UL-Approvals







| Logo   | Approval                                   | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | <b>UL</b><br>UL International Germany GmbH | UL 1059                  | Sec. 34          |













### Compatible products




#### tools

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


#### ferrule

|  |  |         |
|--|--|---------|
|  | <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.: 216-221</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>Jumper</b>  |  |         |
|    | <b>Item no.: 870-402</b><br>Push-in type jumper bar; insulated; 2-way; Nominal current 18 A                            | 870-402 |
|    | <b>Item no.: 870-403</b><br>Push-in type jumper bar; insulated; 3-way; Nominal current 18 A                            | 870-403 |
|  | <b>Item no.: 870-404</b><br>Push-in type jumper bar; insulated; 4-way; Nominal current 18 A                            | 870-404 |
|  | <b>Item no.: 870-405</b><br>Push-in type jumper bar; insulated; 5-way; Nominal current 18 A                            | 870-405 |
|  | <b>Item no.: 870-405/011-000</b><br>Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A | 870-405 |
|  | <b>Item no.: 870-406</b><br>Push-in type jumper bar; insulated; 6-way; Nominal current 18 A                            | 870-406 |
|  | <b>Item no.: 870-407</b><br>Push-in type jumper bar; insulated; 7-way; Nominal current 18 A                            | 870-407 |
|  | <b>Item no.: 870-407/011-000</b><br>Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A | 870-407 |
|  | <b>Item no.: 870-408</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 18 A                            | 870-408 |
|  | <b>Item no.: 870-409</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 18 A                            | 870-409 |
|  | <b>Item no.: 870-409/011-000</b><br>Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A | 870-409 |
|  | <b>Item no.: 870-410</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 18 A                           | 870-410 |
|  | <b>Item no.: 870-433</b>   |         |

|  |  |         |
|--|--|---------|
|  | Push-in type jumper bar; insulated; from 1 to 3; Nominal current 18 A                              | 870-433 |
|  | <b>Item no.: 870-434</b><br>Push-in type jumper bar; insulated; from 1 to 4; Nominal current 18 A  | 870-434 |
|  | <b>Item no.: 870-435</b><br>Push-in type jumper bar; insulated; from 1 to 5; Nominal current 18 A  | 870-435 |
|  | <b>Item no.: 870-440</b><br>Push-in type jumper bar; insulated; from 1 to 10; Nominal current 18 A | 870-440 |

**Protective Warning Marker**
















|  |   |         |
|--|---|---------|
|  | <b>Item no.: 280-405</b><br>Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks | 280-405 |
|--|---|---------|

















**General accessories**














|  |                                     |         |
|--|-------------------------------------|---------|
|  | <b>Item no.: 870-182</b><br>Adaptor | 870-182 |
|  | <b>Item no.: 870-183</b><br>Adaptor | 870-183 |
|  | <b>Item no.: 870-184</b><br>Adaptor | 870-184 |

**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 | /000-002 | 2009-145 |
|    | <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 | /000-005 | 2009-145 |
|    | <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 | /000-006 | 2009-145 |
|    | <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 | /000-007 | 2009-145 |
|    | <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 | /000-012 | 2009-145 |
|    | <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  | /000-023 | 2009-145 |
|  | <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                                  | 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>Item no.: 709-177</b><br>Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type                                    | 709-177             |
|    | <b>Item no.: 709-178</b><br>Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type                                    | 709-178             |
|    | <b>Item no.: 709-196</b><br>Marking strips; for laser printer   | 709-196             |
|    | <b>Item no.: 709-198</b><br>Marking strips  | 709-198             |
|    | <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                                       | 793-501<br>/000-002 |
|   | <b>Item no.: 793-501/000-005</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                                       | 793-501<br>/000-005 |
|  | <b>Item no.: 793-501/000-006</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                                       | 793-501<br>/000-006 |
|  | <b>Item no.: 793-501/000-007</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                                       | 793-501<br>/000-007 |
|  | <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>   |                     |

|  |   |                      |          |
|--|---|----------------------|----------|
|    | 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 | 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 |
|    | <b>Item no.: 793-5501/000-007</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type               | /000-007             | 793-5501 |
|    | <b>Item no.: 793-5501/000-012</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type               | /000-012             | 793-5501 |
|    | <b>Item no.: 793-5501/000-017</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type               | /000-017             | 793-5501 |
|    | <b>Item no.: 793-5501/000-023</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type               | /000-023             | 793-5501 |
|  | <b>Item no.: 793-5501/000-024</b><br>WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type               | /000-024             | 793-5501 |
| <b>check</b>   |   |                      |          |
|  | <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable  |                      | 210-136  |
|  | <b>Item no.: 210-137</b><br>Test plug; 2.3 mm Ø; with 500 mm cable  |                      | 210-137  |
| <b>Insulation stop</b>   |   |                      |          |
|  | <b>Item no.: 280-470</b><br>Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip |                      | 280-470  |
|  | <b>Item no.: 280-471</b><br>Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip                                  |                      | 280-471  |
|  | <b>Item no.: 280-472</b><br>Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip                                    |                      | 280-472  |

## Downloads

## Documentation

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