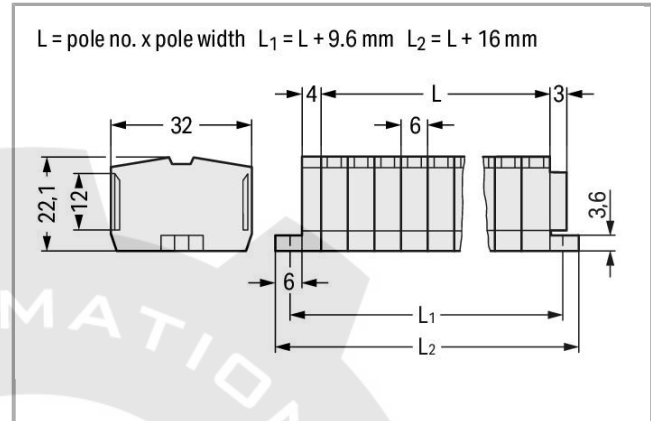
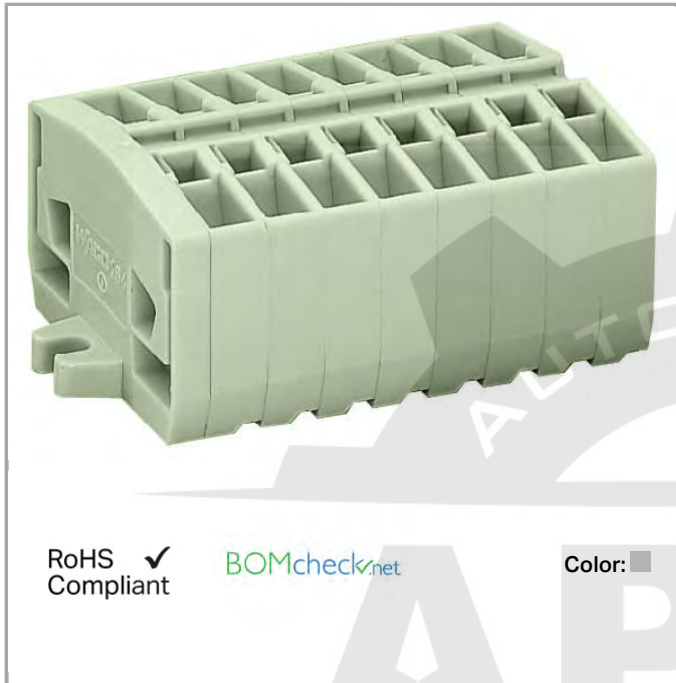


## Data sheet | Item number: 264-138

2-conductor terminal strip; suitable for Ex e II applications; 8-pole; without push-buttons; with fixing flanges; for screw or similar mounting types; Fixing hole 3.2 mm Ø; 2.5 mm<sup>2</sup>; CAGE CLAMP®



264-138



RoHS Compliant

[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                      | 8                                            |
| Total number of connection points | 16                                           |
| Total number of potentials        | 8                                            |
| Number of levels                  | 1                                            |

|                |                    |
|----------------|--------------------|
| Type of wiring | Front-entry wiring |
|----------------|--------------------|

## Geometrical Data

|                         |                     |
|-------------------------|---------------------|
| Width                   | 64 mm / 2.52 inch   |
| Height from the surface | 22.1 mm / 0.87 inch |
| Depth                   | 32 mm / 1.26 inch   |
| Module width            | 6 mm / 0.236 inch   |

## Mechanical data

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

## Material Data

|           |            |
|-----------|------------|
| Color     | light gray |
| Fire load | 0.646 MJ   |
| Weight    | 35 g       |

## Commercial data

|                    |                             |
|--------------------|-----------------------------|
| Product Group      | 9 (Std. Chassis Mt. Blocks) |
| Country of origin  | DE                          |
| GTIN               | 4044918423113               |
| 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                                            |
|  | ATEX<br>Physikalisch Technische Bundesanstalt (PTB)                               | EN 60079                 | PTB 98<br>ATEX<br>3129 U (II<br>2 G/D EEx<br>e II) |
|  | IECEX<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

#### Marking accessories

|                                                                                    |                                                                                                                        |          |          |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------|----------|
|  | Item no.: 2009-145<br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type         |          | 2009-145 |
|  | Item no.: 2009-145/000-002<br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-002 | 2009-145 |
|  | Item no.: 2009-145/000-005<br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-005 | 2009-145 |
|  | Item no.: 2009-145/000-006<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.: 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                      | /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>assembling</b>                                                                  |                                                                                                                               |          |          |
|  | <b>Item no.: 709-153</b><br>Cover; Type 1; suitable for cover carrier, type 1; 1 m long                                       |          | 709-153  |
| <b>ferrule</b>                                                                     |                                                                                                                               |          |          |

|                                                                                    |                                                                                                    |         |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------|
|    | <b>Item no.: 216-101</b><br>Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated  | 216-101 |
|    | <b>Item no.: 216-102</b><br>Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated | 216-102 |
|    | <b>Item no.: 216-103</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated    | 216-103 |
|    | <b>Item no.: 216-104</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated  | 216-104 |
|    | <b>Item no.: 216-106</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated  | 216-106 |
|    | <b>Item no.: 216-121</b><br>Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated  | 216-121 |
|    | <b>Item no.: 216-122</b><br>Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated | 216-122 |
|    | <b>Item no.: 216-123</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated    | 216-123 |
|    | <b>Item no.: 216-124</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated  | 216-124 |
|   | <b>Item no.: 216-131</b><br>Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated | 216-131 |
|  | <b>Item no.: 216-132</b><br>Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated | 216-132 |
|  | <b>Item no.: 216-151</b><br>Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated | 216-151 |
|  | <b>Item no.: 216-152</b><br>Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated | 216-152 |
|  | <b>Item no.: 216-201</b><br>Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated    | 216-201 |
|  | <b>Item no.: 216-202</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated   | 216-202 |
|  | <b>Item no.: 216-203</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated      | 216-203 |
|  | <b>Item no.: 216-204</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated    | 216-204 |
|  | <b>Item no.: 216-205</b><br>Ferrule; Sleeve for 2.08 mm² / AWG 14; insulated; electro-tin plated   | 216-205 |
|  | <b>Item no.: 216-206</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated    | 216-206 |
|  | <b>Item no.: 216-221</b><br>Ferrule; Sleeve for 0.5 mm² / 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.: 264-402</b><br>Comb-style jumper bar; insulated; 2-way; reduces conductor size to 1.5 mm           | 264-402 |
|     | <b>Item no.: 281-492</b><br>Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block           | 281-492 |
| <b>check</b>                                                                       |                                                                                                                 |         |
|     | <b>Item no.: 249-136</b><br>Test plug module; without locking device; modular; for 2-conductor terminal blocks  | 249-136 |
| <b>tools</b>                                                                       |                                                                                                                 |         |
|  | <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 |

## Downloads

## Documentation

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Subject to changes.