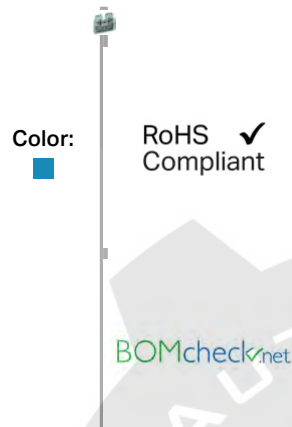


## Data sheet | Item number: 869-344

2-conductor end terminal block; suitable for Ex i applications; without push-buttons; without snap-in mounting foot; 2.5 mm<sup>2</sup>; CAGE CLAMP®



869-344



### 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              |
| Total number of connection points | 2                                            |
| Total number of potentials        | 1                                            |
| Number of levels                  | 1                                            |
| Type of wiring                    | Front-entry wiring                           |

## Geometrical Data

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

## Mechanical data

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

## Material Data

|           |          |
|-----------|----------|
| Color     | blue     |
| Fire load | 0.071 MJ |
| Weight    | 4 g      |

## Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4044918480369 |
| 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 |
|                                                                                    | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |



## UL-Approvals

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

## Compatible products

## 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 |



**Item no.: 216-224**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated

216-224

**Item no.: 216-321**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated

216-321



**Item no.: 216-322**  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated

216-322

## Marking accessories



**Item no.: 2009-115**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115



**Item no.: 2009-115/000-002**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002

2009-115



**Item no.: 2009-115/000-006**  
WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

2009-115



**Item no.: 2009-115/000-007**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

2009-115



**Item no.: 2009-115/000-012**  
WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012

2009-115



**Item no.: 2009-115/000-017**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-017

2009-115



**Item no.: 2009-115/000-023**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023

2009-115



**Item no.: 2009-115/000-024**  
WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-024

2009-115



**Item no.: 2009-145**  
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**  
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**  
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**  
Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

2009-145



**Item no.: 2009-145/000-007**  
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                      | /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.: 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><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 |



Item no.: 793-5501/000-017

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-017

793-5501



Item no.: 793-5501/000-023

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023

793-5501



Item no.: 793-5501/000-024

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-024

793-5501

## Protective Warning Marker



Item no.: 280-405

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

280-405

## Insulation stop



Item no.: 280-470

Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip

280-470



Item no.: 280-471

Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip

280-471



Item no.: 280-472

Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip

280-472

## tools



Item no.: 210-657

Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short

210-657



Item no.: 210-658

Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled

210-658



Item no.: 210-720

Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

210-720

## Carrier rail



Item no.: 210-112

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



Item no.: 210-113

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715

210-113



Item no.: 210-114

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

210-114



Item no.: 210-115

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm

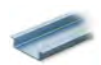
210-115



Item no.: 210-118

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

210-118



Item no.: 210-196

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715

210-196



Item no.: 210-197

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715

210-197

**Item no.: 210-198**

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

210-198

**Item no.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715

210-504

**Item no.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715

210-505

**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715

210-506

**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715

210-508

**General accessories****Item no.: 209-122**

Plastic end stop; for WSB markers; for 210-154 aluminum rail

209-122

**Item no.: 870-182**

Adaptor

870-182

**Item no.: 870-183**

Adaptor

870-183

**Item no.: 870-184**

Adaptor

870-184

**Jumper****Item no.: 280-490**

Comb-style jumper bar; insulated; 10-way; IN = IN terminal block

280-490

**Item no.: 870-402**

Push-in type jumper bar; insulated; 2-way; Nominal current 18 A

870-402

**Item no.: 870-403**

Push-in type jumper bar; insulated; 3-way; Nominal current 18 A

870-403

**Item no.: 870-404**

Push-in type jumper bar; insulated; 4-way; Nominal current 18 A

870-404

**Item no.: 870-405**

Push-in type jumper bar; insulated; 5-way; Nominal current 18 A

870-405

**Item no.: 870-405/011-000**

Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A

870-405

/011-000

**Item no.: 870-406**

Push-in type jumper bar; insulated; 6-way; Nominal current 18 A

870-406

**Item no.: 870-407**

Push-in type jumper bar; insulated; 7-way; Nominal current 18 A

870-407

**Item no.: 870-407/011-000**

Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A

870-407

/011-000

**Item no.: 870-408**



Push-in type jumper bar; insulated; 8-way; Nominal current 18 A

870-408

**Item no.: 870-409**

Push-in type jumper bar; insulated; 9-way; Nominal current 18 A

870-409

**Item no.: 870-409/011-000**

Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A

/011-000

870-409

**Item no.: 870-410**

Push-in type jumper bar; insulated; 10-way; Nominal current 18 A

870-410

**Item no.: 870-433**

Push-in type jumper bar; insulated; from 1 to 3; Nominal current 18 A

870-433

**Item no.: 870-434**

Push-in type jumper bar; insulated; from 1 to 4; Nominal current 18 A

870-434

**Item no.: 870-435**

Push-in type jumper bar; insulated; from 1 to 5; Nominal current 18 A

870-435

**Item no.: 870-440**

Push-in type jumper bar; insulated; from 1 to 10; Nominal current 18 A

870-440

**check****Item no.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable

210-136

**Item no.: 210-137**

Test plug; 2.3 mm Ø; with 500 mm cable

210-137

**End plate****Item no.: 869-375**

End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick

869-375

**Item no.: 869-377**

End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick

869-377

**Item no.: 869-378**

End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick

869-378

**Item no.: 869-379**

End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick

869-379

**Downloads****Documentation****Bid Text**

869-344

doc  
25.1 kB

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**Additional Information**pdf  
2.1 MB

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CAD/CAE - Smart Data

CAD data

|                     |     |          |
|---------------------|-----|----------|
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|---------------------|-----|----------|



Subject to changes.