

## Data sheet | Item number: 261-344

4-conductor terminal block; suitable for Ex i applications; without push-buttons; with snap-in mounting foot; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; blue



### Data

#### Electrical data

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

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Nominal voltage (III/3)     | 500 V                                                     |
| Rated surge voltage (III/3) | 6 kV                                                      |
| Rated current               | 24 A                                                      |
| Legend (ratings)            | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

#### 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 ... 14 AWG |
| Fine-stranded conductor         | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG |

Subject to changes. Please also observe the further product documentation!



|                                   |                                 |
|-----------------------------------|---------------------------------|
| Strip length                      | 8 ... 9 mm / 0.31 ... 0.35 inch |
| Total number of connection points | 4                               |
| Total number of potentials        | 1                               |
| Number of levels                  | 1                               |
| Wiring type                       | Side-entry wiring               |

### Geometrical Data

|                         |                    |
|-------------------------|--------------------|
| Width                   | 10 mm / 0.394 inch |
| Height from the surface | 18 mm / 0.709 inch |
| Depth                   | 28 mm / 1.102 inch |

### Mechanical data

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

### Material Data

|           |         |
|-----------|---------|
| Color     | blue    |
| Fire load | 0.06 MJ |
| Weight    | 3.9 g   |

### Commercial data

|                       |                             |
|-----------------------|-----------------------------|
| Product Group         | 9 (Std. Chassis Mt. Blocks) |
| Packaging type        | BOX                         |
| Country of origin     | CH                          |
| GTIN                  | 4044918610957               |
| Customs tariff number | 85369010000                 |

### Approvals / Certificates

#### Country specific Approvals

| Logo | Approval                 | Additional Approval Text | Certificate name |
|------|--------------------------|--------------------------|------------------|
| CCA  | CCA                      | EN 60998                 | NTR-NL           |
|      | DEKRA Certification B.V. |                          | 6509             |
|      | CCA                      | EN 60998                 | 2110272.02       |

Subject to changes. Please also observe the further product documentation!



DEKRA Certification B.V.

CSA  
DEKRA Certification B.V.

C22.2

70010891

## Ship Approvals

| Logo                                                                               | Approval                                                | Additional Approval Text | Certificate name         |
|------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------|--------------------------|
|    | <b>ABS</b><br>American Bureau of Shipping               | -                        | 19-<br>HG1869868-<br>PDA |
|    | <b>BV</b><br>Bureau Veritas S.A.                        | EN 60947                 | 07436/E0 BV              |
|   | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |
|  | <b>LR</b><br>Lloyds Register                            | IEC 60998                | 91/20242<br>(E7)         |

## UL-Approvals

| Logo                                                                               | Approval                                    | Additional Approval Text | Certificate name    |
|------------------------------------------------------------------------------------|---------------------------------------------|--------------------------|---------------------|
|  | <b>UR</b><br>Underwriters Laboratories Inc. | UL 1059                  | 20180629-<br>E45172 |

## Compatible products

Subject to changes. Please also observe the further product documentation!

## check

**Item no.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable; red

**Item no.: 210-137**

Test plug; 2.3 mm Ø; with 500 mm cable; yellow

**Item no.: 249-139**

Test plug module; without locking device; modular; for 4-conductor terminal blocks; gray

**Item no.: 261-405**

Test plug module; with locking latches; modular; for 4-conductor terminal blocks; for 261 Series; gray

## tools

**Item no.: 209-132**

Operating tool; for connecting comb-style jumper bar; 2-way; of insulating material

**Item no.: 210-657**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short

**Item no.: 210-658**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short

**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft

## Marking accessories

**Item no.: 210-832**

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

**Item no.: 210-833**

Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white

## Carrier rail

**Item no.: 210-154**

Aluminum carrier rail; 1000 mm long; 18 mm wide; 7 mm high; silver-colored

## assembling

**Item no.: 209-120**

Mounting foot; can be snapped on terminal blocks with snap-in mounting foot; for mounting on relay-modules; 6.4 mm wide; gray

**Item no.: 209-122**

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

**Item no.: 209-137**

Mounting adapter; can be used as end plate; 6.5 mm wide; gray

## Jumper

**Item no.: 261-402**

Jumper; for conductor entry; 2-way; insulated; gray

Subject to changes. Please also observe the further product documentation!

## ferrule

**Item no.: 216-101**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated**Item no.: 216-102**Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated**Item no.: 216-103**Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated**Item no.: 216-104**Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated**Item no.: 216-106**Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; uninsulated; electro-tin plated**Item no.: 216-121**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated**Item no.: 216-122**Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated**Item no.: 216-123**Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated**Item no.: 216-124**Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated**Item no.: 216-131**Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated**Item no.: 216-132**Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated**Item no.: 216-151**Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated**Item no.: 216-152**Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated**Item no.: 216-201**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white**Item no.: 216-202**Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray**Item no.: 216-203**Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red**Item no.: 216-204**Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black**Item no.: 216-205**Ferrule; Sleeve for 2.08 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; yellow

Subject to changes. Please also observe the further product documentation!



**Item no.: 216-206**  
Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; blue



**Item no.: 216-221**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white



**Item no.: 216-222**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray



**Item no.: 216-223**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red



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

**Item no.: 216-301**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow



**Item no.: 216-302**  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; green

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



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

## Downloads

### Documentation

#### Bid Text

261-344

GAEB X81 - Datei

261-344

doc - Datei

#### Additional Information

Technical explanations

## CAD/CAE-Data

### CAD data

Subject to changes. Please also observe the further product documentation!

2D/3D Models 261-344

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#### CAE data

EPLAN Data Portal 261-344

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WSCAD Universe 261-344

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ZUKEN Portal 261-344

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## Installation Notes

### Installation



Assembling modular terminal blocks into terminal strips.



Mounting an end plate.

### Conductor termination

Subject to changes. Please also observe the further product documentation!

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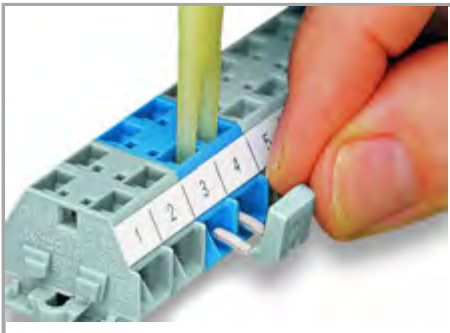


**CAGE CLAMP® connection**

Inserting a conductor.

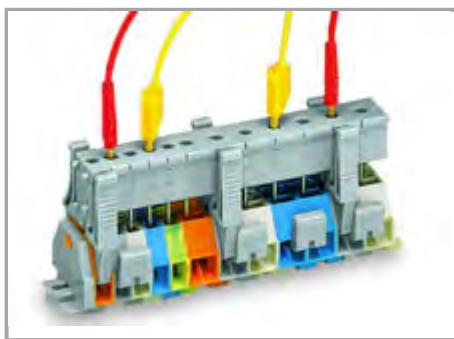
With ferruled conductors, it is necessary to use a terminal block one size larger than the conductor's nominal cross-section.

#### Commoning



Commoning with comb-style jumper bar.

Subject to changes. Please also observe the further product documentation!



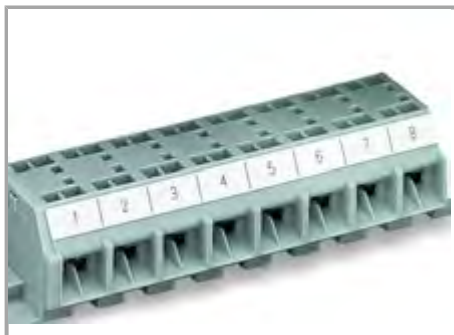
Testing via test plug modules snapped onto a terminal strip – wired or unwired. As touch contact is made with the CAGE CLAMP® (spring steel) unit, this testing type is limited to maximum 0.5 A.



Testing after the conductors have been terminated.

Distance between locking devices must be approximately 35 ... 40 mm.

#### Marking



Marking with self-adhesive marking strips.



Marking by direct printing (upon request).

Subject to changes. Please also observe the further product documentation!