

Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated cross-section: 4 mm<sup>2</sup>, Colour: Beige

### Business data

|  |  |
|--|--|
| Packaging unit                             | 20                                     |
| Quantity unit                              | PC                                     |
| Weight per piece (not including packaging) | 70.2 g                                 |
| Weight per piece (including packaging)     | 71.82 g                                |
| Unit of weight                             | G                                      |
| Customs number                             | 85369010                               |
| Country of origin                          | DE                                     |
| Product description                        | Feed-through terminal for direct mount |

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## Technical data

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### Dimensions

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|                                       |          |
|---------------------------------------|----------|
| Length                                | 105.9 mm |
| Height                                | 23 mm    |
| Hole spacing (mid-point to mid-point) | 98.8 mm  |
| Pitch                                 | 6 mm     |

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### Ratings

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|   |                   |
|---|-------------------|
| Rated voltage                                   | 400 V             |
| Rated current                                   | 32 A              |
| Rated cross-section                             | 4 mm <sup>2</sup> |
| Rated impulse voltage                           | 6 kV              |
| Overvoltage category                            | III               |
| Contamination degree                            | 3                 |
| Maximum power dissipation for nominal condition | 1.02 W            |

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### Technical data

#### Connection data

|  |                     |
|--|---------------------|
| Connection principle                                     | Screw connection    |
| Connection position                                      | Lateral             |
| Connections  | 30                  |
| Number of terminals per level                            | 2                   |
| Number of levels   | 1                   |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.2 mm <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.    | 4 mm <sup>2</sup>   |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 4 mm <sup>2</sup>   |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 4 mm <sup>2</sup>   |
| Wire cross-section AWG, min.                             | 22                  |
| Wire cross-section AWG, max.                             | 12                  |
| Stripping length   | 9 mm                |
| Screw head   | Slotted             |
| Screw threading  | M 3                 |
| Tightening torque, min.                                  | 0.5 Nm              |
| Tightening torque, max.                                  | 1 Nm                |

#### Materials

|                           |               |
|---------------------------|---------------|
| Insulation housing        | Polyamide 6.6 |
| Flammability class UL 94  | V-2           |
| Working temperature, min. | -40 °C        |
| Working temperature, max. | 105 °C        |

#### Further technical data

|                                |               |
|--------------------------------|---------------|
| Mounting type                  | Mounting face |
| Gauge plug acc. to EN 60 947-1 | A3            |
| End plate required             | ✓             |

#### Print

|        |       |
|--------|-------|
| Colour | Beige |
|--------|-------|

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### Technical data

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#### Environmental Product Compliance

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|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2021-07-08 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | yes        |

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### Approvals

#### Standards and regulations

|                      |                |
|----------------------|----------------|
| EAC approval         | TR ZU 004/2011 |
| EAC approval granted | yes            |

#### CSA approval

|                                  |              |
|----------------------------------|--------------|
| CSA approval                     | C22.2 No 158 |
| CSA approval granted             | yes          |
| CSA Usegroup C: rated voltage    | 300 V        |
| CSA Usegroup C: rated current    | 25 A         |
| CSA wire cross-section AWG, min. | 22           |
| CSA wire cross-section AWG, max. | 12           |
| CSA stripping length             | 9 mm         |
| CSA torque, max.                 | 1 Nm         |
| CSA torque, min.                 | 0.5 Nm       |

#### KEMA KEUR approval

|   |                     |
|---|---------------------|
| KEMA KEUR approval                                | EN 60947-7-1:2009   |
| KEMA KEUR approval granted                        | yes                 |
| KEMA rated voltage                                | 400 V               |
| KEMA rated current                                | 32 A                |
| KEMA rated impulse voltage                        | 6 kV                |
| KEMA wire cross-section single core (rigid), min. | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section single-core (rigid), max. | 4 mm <sup>2</sup>   |
| KEMA wire cross-section stranded, min.            | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.            | 4 mm <sup>2</sup>   |

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## Approvals

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### UL Recognized

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|   |         |
|---|---------|
| UL approval   | UL 1059 |
| UL Usegroup B: rated voltage                        | 300 V   |
| UL Usegroup B: rated current                        | 30 A    |
| UL Usegroup C: rated voltage                        | 300 V   |
| UL Usegroup C: rated current                        | 30 A    |
| UL wire cross-section single-core (rigid) AWG, min. | 22      |
| UL wire cross-section single-core (rigid) AWG, max. | 10      |
| UL wire cross-section stranded AWG, min.            | 22      |
| UL wire cross-section stranded AWG, max.            | 10      |
| UL torque   | 7 Lb In |
| UL wire material                                    | Cu      |
| UL factory wiring                                   | yes     |
| UL field wiring                                     | yes     |
| UL Recognized                                       | yes     |

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Media

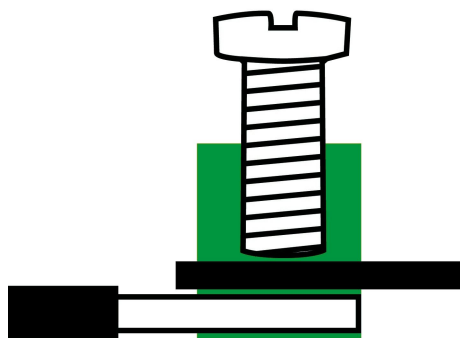
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**M3**



**EAC**







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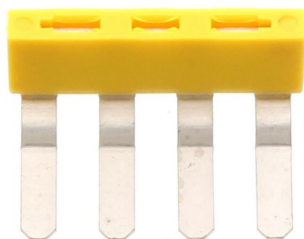
## Accessories

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## Insulated external cross-connector



External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 23 mm, Rated current: 27 A; Colour: Yellow

### General order data

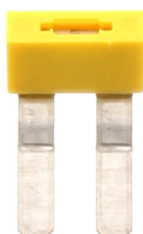
| Product number: | Article name  | GTIN (EAN)    | Packaging unit |
|-----------------|---------------|---------------|----------------|
| 2140.0          | AQI 4/6/11 YE | 4044211049614 | 500 ST         |



External insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 59.6 mm, Rated current: 27 A; Colour: Yellow

### General order data

| Product number: | Article name   | GTIN (EAN)    | Packaging unit |
|-----------------|----------------|---------------|----------------|
| 2141.0          | AQI 10/6/11 YE | 4044211049621 | 500 ST         |



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 10.8 mm, Rated current: 27 A; Colour: Yellow

### General order data

| Product number: | Article name  | GTIN (EAN)    | Packaging unit |
|-----------------|---------------|---------------|----------------|
| 2125.0          | AQI 2/6/11 YE | 4044211049447 | 500 ST         |

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## Insulated external cross-connector

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External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 16.9 mm, Rated current: 27 A; Colour: Yellow

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### General order data

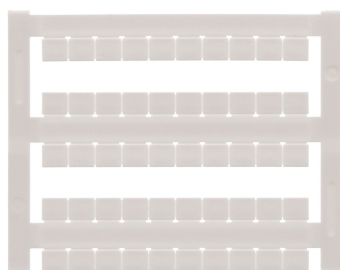
| Product number: | Article name  | GTIN (EAN)    | Packaging unit |
|-----------------|---------------|---------------|----------------|
| 2126.0          | AQI 3/6/11 YE | 4044211049454 | 500 ST         |

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## Quick marking

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Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

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### General order data

| Product number: | Article name   | GTIN (EAN)    | Packaging unit |
|-----------------|----------------|---------------|----------------|
| 4702.7          | PMC SB 6/50 WH | 4044211089986 | 500 ST         |

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## Screwdriver

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Screwdriver with bare blade, Colour: Black-grey

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### General order data

| Product number: | Article name | GTIN (EAN)    | Packaging unit |
|-----------------|--------------|---------------|----------------|
| 1086.0          | SDB 0,6x3,5  | 4044211014797 | 500 ST         |

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