

1497.5  
BKA 10/1 BU  
BKA 10/1 BU



Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated cross-section: 10 mm², Width: 8 mm, Colour: Blue

Business data

|                                            |                                        |
|--------------------------------------------|----------------------------------------|
| Product description                        | Feed-through terminal for direct mount |
| Packaging unit                             | 50                                     |
| Quantity unit                              | PC                                     |
| Weight per piece (not including packaging) | 11.4                                   |
| Weight per piece (including packaging)     | 12.06                                  |
| Unit of weight                             | G                                      |
| Customs number                             | 85369010                               |
| Country of origin                          | DE                                     |

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## Technical Data

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### Dimensions

|        |       |
|--------|-------|
| Length | 30 mm |
| Width  | 8 mm  |
| Height | 31 mm |
| Pitch  | 8 mm  |

### Ratings

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 400 V              |
| Rated current         | 57 A               |
| Rated cross-section   | 10 mm <sup>2</sup> |
| Rated impulse voltage | 6 kV               |
| Overvoltage category  | III                |
| Contamination degree  | 3                  |

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## Technical Data

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### Connection data

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| Connection principle                                     | Screw connection    |
| Connection position                                      | Lateral             |
| Connections                                              | 2                   |
| 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.    | 10 mm <sup>2</sup>  |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 10 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. | 10 mm <sup>2</sup>  |
| Wire cross-section AWG, min.                             | 22                  |
| Wire cross-section AWG, max.                             | 8                   |
| Stripping length                                         | 10 mm               |
| Screw head                                               | Slotted             |
| Screw threading                                          | M 4                 |
| Tightening torque, min.                                  | 1.2 Nm              |
| Tightening torque, max.                                  | 2 Nm                |

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## Technical Data

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### 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 | A5            |
| End plate required             | ✓             |

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## Approvals

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### Standards and regulations

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

|                      |   |
|----------------------|---|
| EAC approval granted | ✓ |
|----------------------|---|

### CSA approval

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|              |              |
|--------------|--------------|
| CSA approval | C22.2 No 158 |
|--------------|--------------|

|                      |   |
|----------------------|---|
| CSA approval granted | ✓ |
|----------------------|---|

|                               |       |
|-------------------------------|-------|
| CSA Usegroup C: rated voltage | 300 V |
|-------------------------------|-------|

|                               |      |
|-------------------------------|------|
| CSA Usegroup C: rated current | 57 A |
|-------------------------------|------|

|                                  |    |
|----------------------------------|----|
| CSA wire cross-section AWG, min. | 22 |
|----------------------------------|----|

|                                  |   |
|----------------------------------|---|
| CSA wire cross-section AWG, max. | 8 |
|----------------------------------|---|

|                      |       |
|----------------------|-------|
| CSA stripping length | 10 mm |
|----------------------|-------|

### CSAus approval

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|                |         |
|----------------|---------|
| CSAus approval | UL 1059 |
|----------------|---------|

|                        |   |
|------------------------|---|
| CSAus approval granted | ✓ |
|------------------------|---|

|                                 |       |
|---------------------------------|-------|
| CSAus Usegroup C: rated voltage | 300 V |
|---------------------------------|-------|

|                                 |      |
|---------------------------------|------|
| CSAus Usegroup C: rated current | 57 A |
|---------------------------------|------|

|                                    |    |
|------------------------------------|----|
| CSAus wire cross-section AWG, min. | 22 |
|------------------------------------|----|

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## Approvals

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### CSAus approval

|                                    |       |
|------------------------------------|-------|
| CSAus wire cross-section AWG, max. | 8     |
| CSAus stripping length             | 10 mm |

### KEMA KEUR approval

|                                                   |                     |
|---------------------------------------------------|---------------------|
| KEMA KEUR approval                                | EN 60947-7-1        |
| KEMA KEUR approval granted                        | ✓                   |
| KEMA rated voltage                                | 400 V               |
| KEMA rated current                                | 57 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. | 10 mm <sup>2</sup>  |
| KEMA wire cross-section stranded, min.            | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.            | 10 mm <sup>2</sup>  |
| KEMA torque, min.                                 | 1.2 Nm              |
| KEMA torque, max.                                 | 2 Nm                |

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Media

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**EAC**



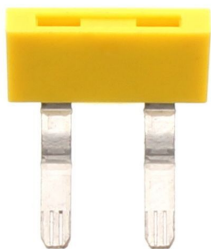
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## Accessories

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### External insulated cross-connector

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External insulated cross-connector, No. of poles: 2,  
Mounting type: Plug in, Width: 16.1 mm, Rated  
current: 27 A; Colour: Yellow

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#### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2067.0       | AQI 2/8/11          | 4044211048730 | 50 PC          |

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External insulated cross-connector, No. of poles: 3,  
Mounting type: Plug in, Width: 24.2 mm, Rated  
current: 27 A; Colour: Yellow

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#### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2068.0       | AQI 3/8/11          | 4044211048747 | 50 PC          |

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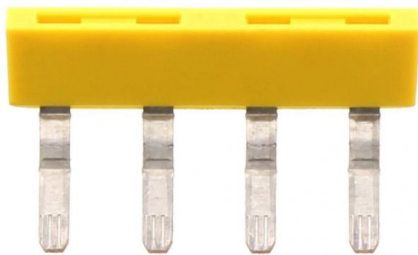
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## Accessories

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### External insulated cross-connector

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External insulated cross-connector, No. of poles: 4,  
Mounting type: Plug in, Width: 32.3 mm, Rated  
current: 27 A; Colour: Yellow

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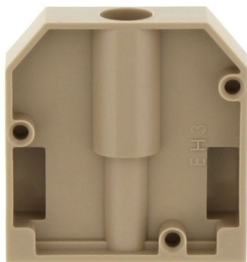
#### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2069.0       | AQI 4/8/11          | 4044211048754 | 50 PC          |

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### End holder

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End support, Mounting type: Mounting surface, Width:  
8 mm, Colour: Beige

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#### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2939.2       | EH 3                | 4044211056643 | 20 PC          |

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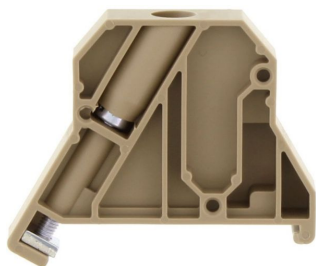
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## Accessories

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### End holder

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End support, Mounting type: Mounting rail TS 35/7.5,  
Width: 8 mm, Colour: Beige

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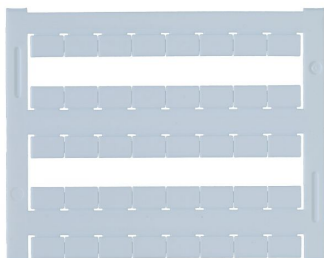
### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2946.2       | EH 35               | 4044211056735 | 50 PC          |

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### Quick-marking

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Terminal marker / Pocket Maxicard, Length: 5 mm,  
Width: 8 mm, Colour: White

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### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 9323.7       | PMC SB 8/40 WH      | 4044211129231 | 400 PC         |

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## Accessories

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### Screw driver

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Screwdriver with bare blade, Colour: Black-grey

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### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 1087.0       | SDB 0,8x4,0         | 4044211014803 | 1 PC           |

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