

Feed-through terminal/block variant, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 10 mm<sup>2</sup>, Colour: Beige

### Business data

|  |                                     |
|--|-------------------------------------|
| Article number                             | 1007.2                              |
| Article name                               | KBL 6-10 m.B. BG                    |
| GTIN (EAN)                                 | 4044211001629                       |
| Packaging unit                             | 10                                  |
| Quantity unit                              | PC                                  |
| Weight per piece (not including packaging) | 140.6 g                             |
| Weight per piece (including packaging)     | 147.6 g                             |
| Unit of weight                             | G                                   |
| Customs number                             | 85369010                            |
| Country of origin                          | DE                                  |
| Product description                        | Feed-through terminal/block variant |
| Colour                                     | Beige                               |

### Technical data

#### Dimensions

|                  |         |
|------------------|---------|
| Length           | 48 mm   |
| Height TS 35/7.5 | 47 mm   |
| Height TS 32     | 51.5 mm |
| Pitch            | 8 mm    |

#### Ratings

|   |                    |
|---|--------------------|
| Rated voltage                                   | 800 V              |
| Rated current                                   | 57 A               |
| Rated cross-section                             | 10 mm <sup>2</sup> |
| Rated impulse voltage                           | 6 kV               |
| Overvoltage category                            | III                |
| Contamination degree                            | 3                  |
| Maximum power dissipation for nominal condition | 1.82 W             |

#### Connection data

|  |                     |
|--|---------------------|
| Connection principle                                     | Screw connection    |
| Connection position                                      | Lateral             |
| Connections  | 20                  |
| 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   | 12 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 rail TS 35/7.5 and TS 32 |
| Gauge plug acc. to EN 60 947-1      | A5                                |
| Number of cross-connection channels | 1                                 |
| End plate required                  | ✓                                 |
| Number of test pick-off options     | 1                                 |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2023-01-17 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | yes        |

### Approvals

#### Standards and regulations

|                        |                   |
|------------------------|-------------------|
| EAC approval           | TR ZU 004/2011    |
| EAC approval granted   | yes               |
| Nemko approval         | EN 60947-7-1:1999 |
| Nemko approval granted | yes               |

#### CSA approval

|                                  |              |
|----------------------------------|--------------|
| CSA approval                     | C22.2 No 158 |
| CSA approval granted             | yes          |
| CSA Usegroup C: rated voltage    | 600 V        |
| CSA Usegroup C: rated current    | 65 A         |
| CSA wire cross-section AWG, min. | 22           |
| CSA wire cross-section AWG, max. | 8            |
| CSA stripping length             | 12 mm        |

#### CSAus approval

|                                    |         |
|------------------------------------|---------|
| CSAus approval                     | UL 1059 |
| CSAus approval granted             | yes     |
| CSAus Usegroup C: rated voltage    | 600 V   |
| CSAus Usegroup C: rated current    | 65 A    |
| CSAus wire cross-section AWG, min. | 22      |
| CSAus wire cross-section AWG, max. | 8       |
| CSAus stripping length             | 12 mm   |

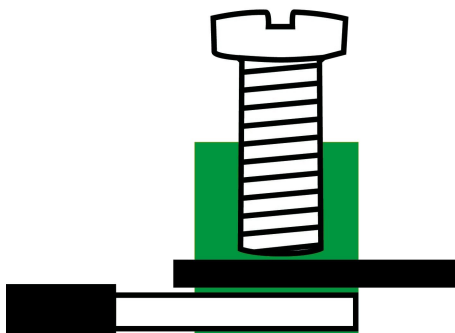
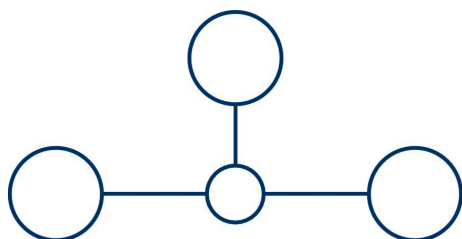
#### UL Recognized

|   |          |
|---|----------|
| UL approval   | UL 1059  |
| UL Usegroup C: rated voltage                        | 300 V    |
| UL Usegroup C: rated current                        | 65 A     |
| UL wire cross-section single-core (rigid) AWG, min. | 22       |
| UL wire cross-section single-core (rigid) AWG, max. | 6        |
| UL wire cross-section stranded AWG, min.            | 22       |
| UL wire cross-section stranded AWG, max.            | 6        |
| UL torque   | 12 Lb In |
| UL wire material                                    | Cu       |
| UL factory wiring                                   | 1        |
| UL field wiring                                     | 1        |
| UL Recognized                                       | 1        |

### Media

EAC

M4



### Accessories

#### Cover



Cover, Length: 26.5 mm, Width: 8 mm, Colour: White

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2966.0</u>  | AD 1/8 WH    | 4044211056957 | 50 ST          |



Cover, Length: 32 mm, Width: 28 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2054.0</u>  | AD 4/32/B YE | 4044211048600 | 50 ST          |



Cover, Length: 26.5 mm, Width: 8 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2954.0</u>  | AD 1/8/B YE  | 4044211056827 | 50 ST          |

#### Insulated external cross-connector



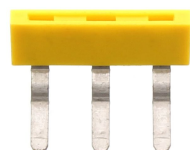
External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 16.1 mm, Rated current: 27 A; Colour: Yellow

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2067.0</u>  | AQI 2/8/11 YE | 4044211048730 | 50 ST          |



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

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2069.0</u>  | AQI 4/8/11 YE | 4044211048754 | 50 ST          |

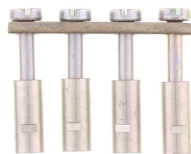


External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 24.2 mm, Rated current: 27 A; Colour: Yellow

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2068.0</u>  | AQI 3/8/11 YE | 4044211048747 | 50 ST          |

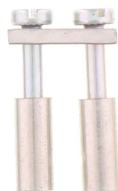
## 1007.2 KBL 6-10 m.B. BG

### Cross-connector



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 30.3 mm, Rated cross-section: 10 mm<sup>2</sup>, Colour: natural

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2062.0</u>  | Q 4          | 4044211048686 | 20 ST          |



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 14.1 mm, Rated cross-section: 10 mm<sup>2</sup>, Colour: natural

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2060.0</u>  | Q 2          | 4044211048662 | 50 ST          |



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 78.9 mm, Rated cross-section: 10 mm<sup>2</sup>, Colour: natural

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2063.0</u>  | Q 10         | 4044211048693 | 10 ST          |



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 22.2 mm, Rated cross-section: 10 mm<sup>2</sup>, Colour: natural

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2061.0</u>  | Q 3          | 4044211048679 | 50 ST          |

### Insulated cross-connector



Insulated cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 78.4 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2753.2</u>  | QI 10 YE     | 4044211054892 | 10 ST          |



Insulated cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 28.8 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2752.2</u>  | QI 4 YE      | 4044211054885 | 20 ST          |

## 1007.2 KBL 6-10 m.B. BG

### Insulated cross-connector



Insulated cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 13.6 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2750.2</u>  | QI 2 YE      | 4044211054861 | 50 ST          |



Insulated cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 21.7 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2751.2</u>  | QI 3 YE      | 4044211054878 | 50 ST          |

### Screwdriver

Screwdriver with bare blade, Colour: Black-grey



| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1087.0</u>  | SDB 0,8x4,0  | 4044211014803 | 1 ST           |