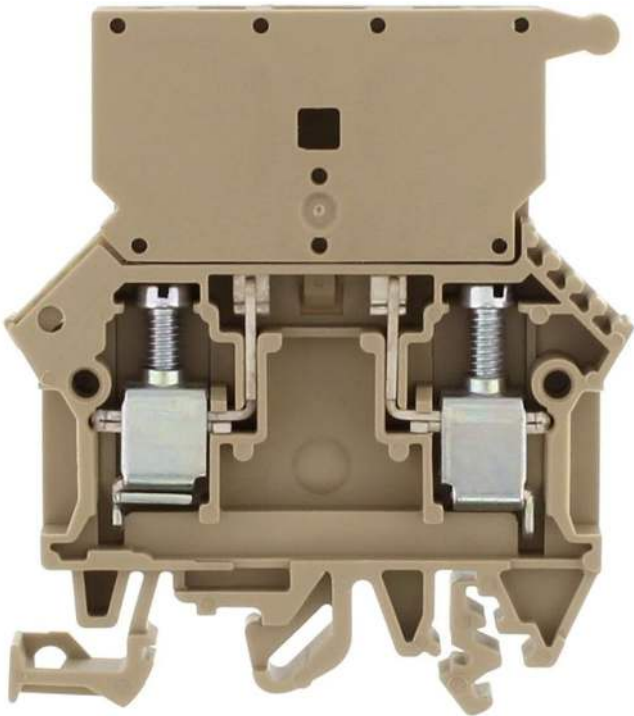




Disconnect terminal, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 10 mm², Width: 8 mm, Colour: Beige

**Business data**

|                                            |                     |
|--------------------------------------------|---------------------|
| Article number                             | 1444.2              |
| Article name                               | SIK 10/K BG         |
| GTIN (EAN)                                 | 4044211044930       |
| Packaging unit                             | 50                  |
| Quantity unit                              | PC                  |
| Weight per piece (not including packaging) | 25.3 g              |
| Weight per piece (including packaging)     | 27.3 g              |
| Unit of weight                             | G                   |
| Customs number                             | 85369010            |
| Country of origin                          | DE                  |
| Product description                        | Disconnect terminal |
| Colour                                     | Beige               |

# Data sheet

## 1444.2 SIK 10/K BG

### Technical data

#### Dimensions

|                  |       |
|------------------|-------|
| Length           | 60 mm |
| Width            | 8 mm  |
| Height TS 35/7.5 | 69 mm |
| Height TS 32     | 73 mm |

#### Ratings

|                                                 |                    |
|-------------------------------------------------|--------------------|
| Rated voltage                                   | 500 V              |
| Rated current                                   | 10 A               |
| Rated cross-section                             | 10 mm <sup>2</sup> |
| Rated impulse voltage                           | 8 kV               |
| Overvoltage category                            | III                |
| Contamination degree                            | 3                  |
| Maximum power dissipation for nominal condition | 0.32 W             |

#### 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                                         | 12 mm               |
| Screw head                                               | Slotted             |
| Screw threading                                          | M 4                 |
| Tightening torque, min.                                  | 1.2 Nm              |
| Tightening torque, max.                                  | 2 Nm                |

### Technical data

#### Materials

|                           |               |
|---------------------------|---------------|
| Insulation housing        | Polyamide 6.6 |
| Flammability class UL 94  | V-0           |
| 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                                |
| End plate required              | ✓                                 |
| Version of lengthwise partition | Swivelling                        |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | No         |
| REACH Reference date           | 2023-01-17 |
| REACH Candidate Substance Note | No         |
| REACH CAS 1 Substance          | LEAD       |
| REACH CAS 1 Percent minimal    | 0.1 %      |
| REACH CAS 1 Percent maximum    | 4 %        |
| REACH CAS 1 Number             | 7439-92-1  |
| RoHS Conform                   | yes        |
| RoHS Exception rule            | 6c         |

### Approvals

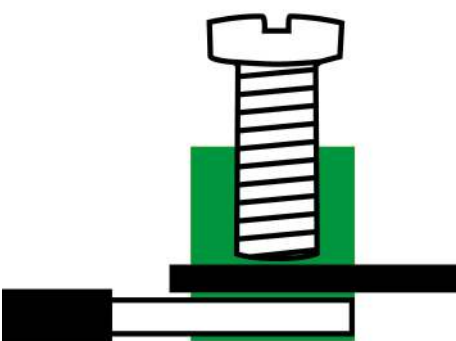
#### cUL Recognized

|                                                      |              |
|------------------------------------------------------|--------------|
| cUL approval                                         | C22.2 No 158 |
| cUL Usegroup B: rated voltage                        | 600 V        |
| cUL Usegroup B: rated current                        | 16 A         |
| cUL Usegroup C: rated voltage                        | 600 V        |
| cUL Usegroup C: rated current                        | 16 A         |
| cUL wire cross-section single-core (rigid) AWG, min. | 22           |
| cUL wire cross-section single-core (rigid) AWG, max. | 12           |
| cUL wire cross-section stranded AWG, min.            | 22           |
| cUL wire cross-section stranded AWG, max.            | 12           |
| cUL torque                                           | 16 Nm        |
| cUL wire material                                    | Cu           |
| cUL Recognized                                       | 1            |

#### UL Recognized

|                                                     |          |
|-----------------------------------------------------|----------|
| UL approval                                         | UL 1059  |
| UL Usegroup B: rated voltage                        | 600 V    |
| UL Usegroup B: rated current                        | 16 A     |
| UL Usegroup C: rated voltage                        | 600 V    |
| UL Usegroup C: rated current                        | 16 A     |
| UL wire cross-section single-core (rigid) AWG, min. | 22       |
| UL wire cross-section single-core (rigid) AWG, max. | 12       |
| UL wire cross-section stranded AWG, min.            | 22       |
| UL wire cross-section stranded AWG, max.            | 12       |
| UL torque                                           | 16 Lb In |
| UL wire material                                    | Cu       |
| UL factory wiring                                   | 1        |
| UL field wiring                                     | 1        |
| UL Recognized                                       | 1        |

Media



---

### Accessories

---