

1110.2 SIK 10/Z/LED(RD)/40-60V DC/80-120V  
AC BG



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

Business data

|                                            |                                          |
|--------------------------------------------|------------------------------------------|
| Article number                             | 1110.2                                   |
| Article name                               | SIK 10/Z/LED(RD)/40-60V DC/80-120V AC BG |
| GTIN (EAN)                                 | 4044211017439                            |
| Packaging unit                             | 25                                       |
| Quantity unit                              | PC                                       |
| Weight per piece (not including packaging) | 28 g                                     |
| Weight per piece (including packaging)     | 30.56 g                                  |
| Unit of weight                             | G                                        |
| Customs number                             | 85369010                                 |
| Country of origin                          | DE                                       |
| Product description                        | Fuse-disconnect terminal                 |
| Colour                                     | Beige                                    |

### Technical data

#### Dimensions

|                  |       |
|------------------|-------|
| Length           | 60 mm |
| Width            | 10 mm |
| Height TS 35/7.5 | 87 mm |
| Height TS 32     | 83 mm |

#### Ratings

|                                                                           |                        |
|---------------------------------------------------------------------------|------------------------|
| Rated voltage (determined by the illuminated display and fuse being used) | 40-60 DC / 80-120 AC V |
| Rated current (as fuse-disconnect terminal)                               | 10 A                   |
| Rated cross-section                                                       | 10 mm <sup>2</sup>     |
| Rated impulse voltage                                                     | 8 kV                   |
| Overvoltage category                                                      | III                    |
| Contamination degree                                                      | 3                      |

#### Connection data

|                                                          |                      |
|----------------------------------------------------------|----------------------|
| Connection principle                                     | Screw connection     |
| Connection position                                      | Lateral              |
| Connections                                              | 2 / extraction lever |
| 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-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 |
| Fuse size                                | 6,3 x 25 / 6,3 x 32 mm            |
| Gauge plug acc. to EN 60 947-1           | A5                                |
| End plate required                       | ✓                                 |
| Voltage fuse                             | 250 V                             |
| Voltage illuminated display              | 40-60 DC / 80-120 AC V            |
| Cross-current via illuminated display    | < 5 mA                            |
| Version of fuse holder                   | Swivelling                        |
| Type of display element (defect display) | LED                               |
| Version of fuse cartridge                | G fuse 6.3 x 25 / 6.3 x 32        |
| Supply voltage (defect display), min.    | 40                                |
| Supply voltage (defect display), max.    | 120                               |
| Type of voltage (defect display)         | AC/DC                             |
| Colour of lamp                           | Red                               |

##### 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 60947-7-3:2002 |
| Nemko approval granted | yes               |

##### cUL Recognized

|                                                      |                      |
|------------------------------------------------------|----------------------|
| cUL approval                                         | C22.2 No 158         |
| cUL Usegroup B: rated voltage                        | 40-60DC / 80-120AC V |
| cUL Usegroup B: rated current                        | 16 A                 |
| cUL Usegroup C: rated voltage                        | 40-60DC / 80-120AC 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                    |

#### Approvals

##### KEMA KEUR approval

|                                                                                       |                        |
|---------------------------------------------------------------------------------------|------------------------|
| KEMA KEUR approval                                                                    | EN 60947-7-3:2009      |
| KEMA KEUR approval granted                                                            | yes                    |
| KEMA rated voltage                                                                    | 500 V                  |
| KEMA voltage fuse, max.                                                               | 250 V                  |
| KEMA rated current                                                                    | 10 A                   |
| KEMA rated impulse voltage                                                            | 8 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                   |
| KEMA fuse size                                                                        | 6,3 x 25 / 6,3 x 32 mm |
| KEMA power loss in singular arrangement - overload and short-circuit protection, max. | 2,5 / 2,5 W / A        |
| KEMA power loss in compound arrangement - overload and short-circuit protection, max. | 2,5 / 2,5 W / A        |
| KEMA power loss in singular arrangement - only short-circuit protection, max.         | 4 / 10 W / A           |
| KEMA power loss in compound arrangement - only short-circuit protection, max.         | 2,5 / 2,5 W / A        |

##### UL Recognized

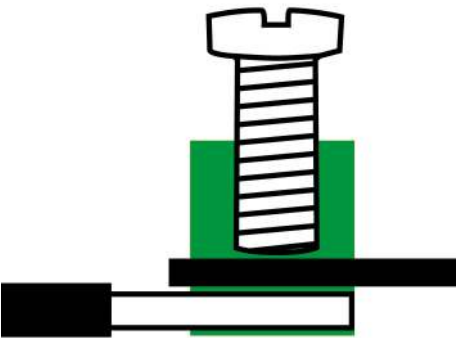
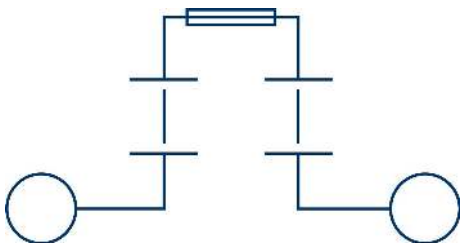
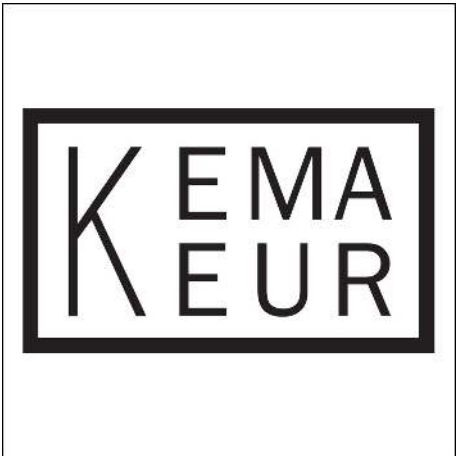
|                                                     |                        |
|-----------------------------------------------------|------------------------|
| UL approval                                         | UL 1059                |
| UL Usegroup B: rated voltage                        | 40-60 DC / 80-120 AC V |
| UL Usegroup B: rated current                        | 16 A                   |
| UL Usegroup C: rated voltage                        | 40-60 DC / 80-120 AC 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                      |

## 1110.2 SIK 10/Z/LED(RD)/40-60V DC/80-120V AC BG

### Approvals

#### German Lloyd approval

|                            |                                           |
|----------------------------|-------------------------------------------|
| DNV GL Certificate number  | TAE00002JJ                                |
| DNV GL Location Classes    | Temperature: B, Humidity: B, Vibration: A |
| DNV GL approval granted    | 1                                         |
| DNV GL rated cross-section | 10 mm²                                    |
| DNV GL rated current       | 10 A                                      |
| DNV GL rated voltage       | 500 V                                     |
| DNV GL test standard       | IEC 60947-7-3:2002                        |



#### Accessories

##### Insulated external cross-connector



External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 28.2 mm, Rated current: 57 A; Colour: Yellow

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>3992.8</u>  | AQI 3/10/18 YE | 4044211130404 | 50 ST          |



External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 38.3 mm, Rated current: 57 A; Colour: Yellow

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>3993.8</u>  | AQI 4/10/18 YE | 4044211130411 | 50 ST          |



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 18.1 mm, Rated current: 57 A; Colour: Yellow

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>3991.8</u>  | AQI 2/10/18 YE | 4044211130398 | 50 ST          |



External insulated cross-connector, No. of poles: 50, Mounting type: Plug in, Rated current: 57 A; Colour: Yellow

| Article number | Article name    | GTIN (EAN)    | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>3995.8</u>  | AQI 50/10/18 YE | 4044211137526 | 1 ST           |



External insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 98.9 mm, Rated current: 57 A; Colour: Yellow

| Article number | Article name    | GTIN (EAN)    | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>3994.8</u>  | AQI 10/10/18 YE | 4044211130428 | 10 ST          |

## 1110.2 SIK 10/Z/LED(RD)/40-60V DC/80-120V

### AC BG

#### End stop



End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2828.0</u>  | ES 35/K/ST BG | 4044211055547 | 50             |

#### Solid link



Solid link, Colour: natural

| Article number | Article name      | GTIN (EAN)    | Packaging unit |
|----------------|-------------------|---------------|----------------|
| <u>2497.0</u>  | KH 63 f. SIK 10/Z | 4044211080976 | 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           |