

Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm<sup>2</sup>, Width: 8.1 mm, Colour: Black

**RAL:** 9005

### Business data

|  |                             |
|--|-----------------------------|
| Article number                             | 17178.4                     |
| Article name                               | SSIK 6/2A/LED 500V AC/DC BK |
| GTIN (EAN)                                 | 4044211188948               |
| Packaging unit                             | 50                          |
| Quantity unit                              | PC                          |
| Weight per piece (not including packaging) | 25.3 g                      |
| Weight per piece (including packaging)     | 26.38 g                     |
| Unit of weight                             | G                           |
| Customs number                             | 85369010                    |
| Country of origin                          | DE                          |
| Product description                        | Fuse-disconnect terminal    |
| Colour                                     | Black                       |

### Technical data

#### Dimensions

|                  |        |
|------------------|--------|
| Length           | 59 mm  |
| Width            | 8.1 mm |
| Height TS 35/7.5 | 84 mm  |

#### Ratings

|   |                   |
|---|-------------------|
| Rated voltage (determined by the illuminated display and fuse being used) | 500 V             |
| Rated current (as fuse-disconnect terminal)                               | 10 A              |
| Rated cross-section   | 6 mm <sup>2</sup> |
| Rated impulse voltage   | 6 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. | 6 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 3,5                |
| Tightening torque, min.                                  | 0.8 Nm               |
| Tightening torque, max.                                  | 1.6 Nm               |

### Technical data

#### Materials

|                           |               |
|---------------------------|---------------|
| Insulation housing        | Polyamide 6.6 |
| Glass-fibre reinforced    | ✓             |
| Flammability class UL 94  | V-0           |
| Working temperature, min. | -40 °C        |
| Working temperature, max. | 140 °C        |

#### Further technical data

|  |                            |
|--|----------------------------|
| Mounting type  | Mounting rail TS 35/7,5    |
| Fuse size  | 6,3 x 25 / 6,3 x 32 mm     |
| Gauge plug acc. to EN 60 947-1   | A5                         |
| Number of cross-connection channels  | 2                          |
| End plate required   | ✓                          |
| Voltage fuse   | 250 V                      |
| Voltage illuminated display  | 500 V                      |
| Cross-current via illuminated display  | < 5 mA                     |
| Power loss in singular arrangement - overload and short-circuit protection, max. | 2,5 / 2,5 W / A            |
| Power loss in compound arrangement - overload and short-circuit protection, max. | 2,5 / 2,5 W / A            |
| Power loss in singular arrangement - only short-circuit protection, max.         | 4 / 10 W / A               |
| Power loss in compound arrangement - only short-circuit protection, max.         | 2,5 / 2,5 W / A            |
| 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.  | 500                        |
| Supply voltage (defect display), max.  | 500                        |
| Type of voltage (defect display)   | AC/DC                      |

#### Environmental Product Compliance

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

### Approvals

#### CSA approval

|                                  |              |
|----------------------------------|--------------|
| CSA approval                     | C22.2 No 158 |
| CSA approval granted             | yes          |
| CSA Usegroup C: rated voltage    | 600 V        |
| CSA Usegroup C: rated current    | 10 A         |
| CSA wire cross-section AWG, min. | 22           |
| CSA wire cross-section AWG, max. | 8            |
| CSA stripping length             | 10 mm        |
| CSA torque, max.                 | 16 Nm        |
| CSA torque, min.                 | 8 Nm         |

#### CSAus approval

|                                    |         |
|------------------------------------|---------|
| CSAus approval                     | UL 1059 |
| CSAus approval granted             | yes     |
| CSAus Usegroup C: rated voltage    | 600 V   |
| CSAus Usegroup C: rated current    | 10 A    |
| CSAus wire cross-section AWG, min. | 22      |
| CSAus wire cross-section AWG, max. | 8       |
| CSAus stripping length             | 10 mm   |
| CSAus torque, min.                 | 0.8 Nm  |
| CSAus torque, max.                 | 1.6 Nm  |

### 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  | 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 stripping length   | 10 mm                  |
| KEMA torque, min.   | 0.8 Nm                 |
| KEMA torque, max.   | 1.6 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        |

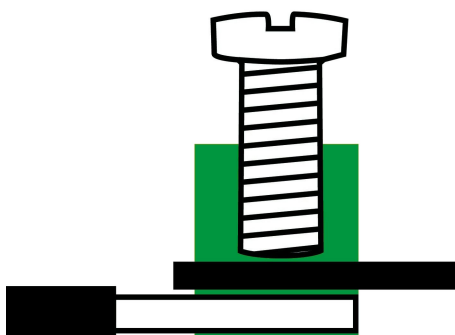
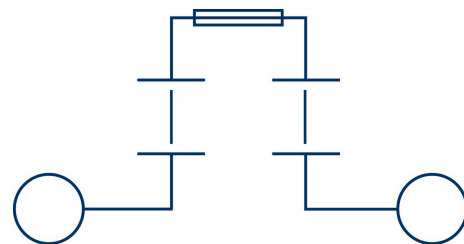
### Approvals

#### UL Recognized

|   |              |
|---|--------------|
| UL approval   | UL 1059      |
| UL Usegroup B: rated voltage                        | 600 V        |
| UL Usegroup B: rated current                        | 10 A         |
| UL Usegroup C: rated voltage                        | 600 V        |
| UL Usegroup C: rated current                        | 10 A         |
| UL Usegroup D: rated voltage                        | 600 V        |
| UL Usegroup D: rated current                        | 10 A         |
| UL wire cross-section single-core (rigid) AWG, min. | 22           |
| UL wire cross-section single-core (rigid) AWG, max. | 8            |
| UL wire cross-section stranded AWG, min.            | 22           |
| UL wire cross-section stranded AWG, max.            | 8            |
| UL torque, min.                                     | 7.08 Lb In.  |
| UL torque, max.                                     | 14.16 Lb In. |
| UL wire material                                    | Cu           |
| UL factory wiring                                   | 1            |
| UL field wiring                                     | 1            |
| UL Recognized                                       | 1            |

### Media

**M3.5**



### Accessories

#### Measurement pick-off terminal



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 4 mm<sup>2</sup>, Width: 6.6 mm, Colour: Beige

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17121.2</u> | SMAG 6/4 BG  | 4044211172114 | 10 ST          |

#### End plate



End plate, Width: 1.5 mm, Colour: Black

| Article number | Article name    | GTIN (EAN)    | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>17258.4</u> | SAP SSIK 4/6 BK | 4044211179830 | 20 ST          |

#### End stop



End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 8 mm, Colour: Beige

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17250.2</u> | SES 35 BG    | 4044211178253 | 50             |

#### Insulation cap for cross-connector



Insulating cap, Colour: Yellow

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>17200.8</u> | SQIK 2,5-10 YE | 4044211148539 | 20             |

#### Insulated cross-connector



## 17178.4 SSIK 6/2A/LED 500V AC/DC BK



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 54.8 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17226.8</u> | SQI 6/7 YE   | 4044211148799 | 20             |



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 62.9 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17227.8</u> | SQI 6/8 YE   | 4044211148805 | 10             |



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 30.5 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17223.8</u> | SQI 6/4 YE   | 4044211148768 | 20             |



Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 71 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17228.8</u> | SQI 6/9 YE   | 4044211148812 | 10             |



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 79.1 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17229.8</u> | SQI 6/10 YE  | 4044211148829 | 10             |



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 14.3 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17221.8</u> | SQI 6/2 YE   | 4044211148744 | 50             |



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 22.4 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17222.8</u> | SQI 6/3 YE   | 4044211148751 | 50             |

## 17178.4 SSIK 6/2A/LED 500V AC/DC BK



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 46.7 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17225.8</u> | SQI 6/6 YE   | 4044211148782 | 20             |



Insulated cross-connector, No. of poles: 30, Mounting type: Plug in, Width: 240 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17230.8</u> | SQI 6/30 YE  | 4044211148836 | 5              |



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 38.6 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17224.8</u> | SQI 6/5 YE   | 4044211148775 | 20             |

### Quick marking



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

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>9323.7</u>  | PMC SB 8/40 WH | 4044211129231 | 400 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           |