

Fuse-disconnect terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm², Width: 8.1 mm, Colour: Black

RAL: 9005

Business data

| | |
|--|-------------------------------|
| Article number | <u>17175.4</u> |
| Article name | SSIK 6/2A/LED 12-30V AC/DC BK |
| GTIN (EAN) | 4044211188924 |
| 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) | 30 V |
| Rated current (as fuse-disconnect terminal) | 10 A |
| Rated cross-section | 6 mm ² |
| 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 ² |
| Wire cross-section single core (rigid)/stranded, max. | 10 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 10 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 6 mm ² |
| 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 | 12-30 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. | 12 |
| Supply voltage (defect display), max. | 30 |
| Type of voltage (defect display) | AC/DC |

Environmental Product Compliance

| | |
|--------------------------------|------------|
| REACH Conform | Yes |
| REACH Reference date | 2024-06-27 |
| 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

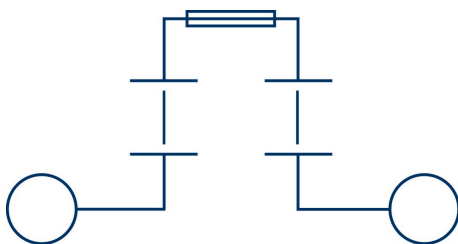
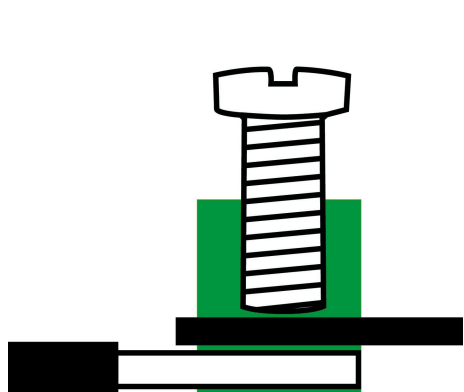
| | |
|---|------------------------|
| KEMA KEUR approval | EN 60947-7-3:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 30 V |
| KEMA voltage fuse, max. | 250 V |
| KEMA rated current | 10 A |
| KEMA rated impulse voltage | 6 kV |
| KEMA wire cross-section single core (rigid), min. | 0.2 mm ² |
| KEMA wire cross-section single-core (rigid), max. | 10 mm ² |
| KEMA wire cross-section stranded, min. | 0.2 mm ² |
| KEMA wire cross-section stranded, max. | 10 mm ² |
| 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 File Number | E95701 |
| UL Recognized | 1 |

Media



Accessories

Measurement pick-off terminal



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 4 mm², Width: 6.6 mm, Colour: Beige

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

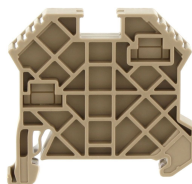
End plate



End plate, Width: 1.5 mm, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|-------------------------|-----------------|---------------|----------------|
| 17258.4 | 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 |
|-------------------------|--------------|---------------|----------------|
| 17250.2 | SES 35 BG | 4044211178253 | 50 |

Insulation cap for cross-connector



Insulating cap, Colour: Yellow

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

Insulated cross-connector

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Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 54.8 mm, Rated cross-section: 6 mm², 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 mm², 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 mm², 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 mm², 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 mm², 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 mm², Colour: Yellow

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

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Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 22.4 mm, Rated cross-section: 6 mm², Colour: Yellow

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



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 46.7 mm, Rated cross-section: 6 mm², 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 mm², 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 mm², 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 |

Connecting sleeve

17175.4 SSIK 6/2A/LED 12-30V AC/DC BK

Connecting sleeve, Colour: Orange



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2876.3</u> | VBS 3/10/Z OG | 4044211056018 | 20 ST |

Connecting sleeve, Colour: Orange



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2875.3</u> | VBS 2/10/Z OG | 4044211056001 | 20 ST |