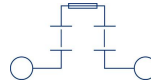


# SSIK 6/2A/LED 110-250V AC/DC BK

17177.4



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

## Commercial

### General

Colour: Black

Country of origin: DE

Customs number: 85369010

GTIN (EAN): 4044211188955

Packaging unit: 50

Product description: Fuse-disconnect terminal

Quantity unit: PC

Unit of weight: G

Weight per piece (including packaging): 26.38g

Weight per piece (not including packaging): 25.3g

## Technical

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### Dimensions

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Height TS 35/7.5: 84mm

Length: 59mm

Width: 8.1mm

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### Ratings

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Contamination degree: 3

Overvoltage category: III

Rated cross-section: 6mm<sup>2</sup>

Rated current (as fuse-disconnect terminal): 10A

Rated impulse voltage: 6kV

Rated voltage (determined by the illuminated display and fuse being used): 250V

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### Connection data

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Connection position: Lateral

Connection principle: Screw connection

Connections: 2 / extraction lever

Number of levels: 1

Number of terminals per level: 2

Screw head: Slotted

Screw threading: M 3,5

Stripping length: 10mm

Tightening torque, max.: 1.6Nm

Tightening torque, min.: 0.8Nm

Wire cross-section AWG, max.: 8

Wire cross-section AWG, min.: 22

Wire cross-section single core (rigid)/stranded, max.: 10mm<sup>2</sup>

Wire cross-section single-core (rigid) / stranded, min.: 0.2mm<sup>2</sup>

Wire cross-section stranded with wire-end ferrules, max.: 6mm<sup>2</sup>

Wire cross-section stranded with wire-end ferrules, min.: 0.2mm<sup>2</sup>

Wire cross-section stranded, max.: 10mm<sup>2</sup>

Wire cross-section stranded, min.: 0.2mm<sup>2</sup>

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### Further technical data

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Cross-current via illuminated display: < 5mA

End plate required: ✓

Fuse size: 6,3 x 25 / 6,3 x 32mm

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Gauge plug acc. to EN 60 947-1: A5

Mounting type: Mounting rail TS 35/7,5

Number of cross-connection channels: 2

Power loss in compound arrangement - only short-circuit protection, max.: 2,5 / 2,5W / A

Power loss in compound arrangement - overload and short-circuit protection, max.: 2,5 / 2,5W / A

Power loss in singular arrangement - only short-circuit protection, max.: 4 / 10W / A

Power loss in singular arrangement - overload and short-circuit protection, max.: 2,5 / 2,5W / A

Supply voltage (defect display), max.: 250

Supply voltage (defect display), min.: 110

Type of display element (defect display): LED

Type of voltage (defect display): AC/DC

Version of fuse cartridge: G fuse 6.3 x 25 / 6.3 x 32

Version of fuse holder: Swivelling

Voltage fuse: 250V

Voltage illuminated display: 110-250V

## Materials

Flammability class UL 94: V-0

Glass-fibre reinforced: ✓

Insulation housing: Polyamide 6.6

Working temperature, max.: 140°C

Working temperature, min.: -40°C

## Approvals

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### KEMA KEUR approval

KEMA KEUR approval: EN 60947-7-3:2009

KEMA KEUR approval granted: ✓

KEMA fuse size: 6,3 x 25 / 6,3 x 32mm

KEMA power loss in compound arrangement - only short-circuit protection, max.: 2,5 / 2,5W / A

KEMA power loss in compound arrangement - overload and short-circuit protection, max.: 2,5 / 2,5W / A

KEMA power loss in singular arrangement - only short-circuit protection, max.: 4 / 10W / A

KEMA power loss in singular arrangement - overload and short-circuit protection, max.: 2,5 / 2,5W / A

KEMA rated current: 10A

KEMA rated impulse voltage: 6kV

KEMA rated voltage: 250V

KEMA stripping length: 10mm

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KEMA torque, max.: 1.6Nm

KEMA torque, min.: 0.8Nm

KEMA voltage fuse, max.: 250V

KEMA wire cross-section single core (rigid), min.: 0.2mm<sup>2</sup>

KEMA wire cross-section single-core (rigid), max.: 10mm<sup>2</sup>

KEMA wire cross-section stranded, max.: 10mm<sup>2</sup>

KEMA wire cross-section stranded, min.: 0.2mm<sup>2</sup>

## **UL Recognized**

UL File Number: E95701

UL Recognized: 1

UL Usegroup B: rated current: 10A

UL Usegroup B: rated voltage: 600V

UL Usegroup C: rated current: 10A

UL Usegroup C: rated voltage: 600V

UL Usegroup D: rated current: 10A

UL Usegroup D: rated voltage: 600V

UL approval: UL 1059

UL factory wiring: ✓

UL field wiring: ✓

UL torque, max.: 14.16Lb In.

UL torque, min.: 7.08Lb In.

UL wire cross-section single-core (rigid) AWG, max.: 8

UL wire cross-section single-core (rigid) AWG, min.: 22

UL wire cross-section stranded AWG, max.: 8

UL wire cross-section stranded AWG, min.: 22

UL wire material: Cu

## **CSA approval**

CSA Usegroup C: rated current: 10A

CSA Usegroup C: rated voltage: 600V

CSA approval: C22.2 No 158

CSA approval granted: ✓

CSA stripping length: 10mm

CSA torque, max.: 16Nm

CSA torque, min.: 8Nm

CSA wire cross-section AWG, max.: 8

CSA wire cross-section AWG, min.: 22

## CSAus approval

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CSAus Usegroup C: rated current: 10A

CSAus Usegroup C: rated voltage: 600V

CSAus approval: UL 1059

CSAus approval granted: ✓

CSAus stripping length: 10mm

CSAus torque, max.: 1.6Nm

CSAus torque, min.: 0.8Nm

CSAus wire cross-section AWG, max.: 8

CSAus wire cross-section AWG, min.: 22

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## Environment

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### Environmental Product Compliance

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EU-POP Conform: Yes

PROP 65 Conform: Yes

REACH Candidate Substance Note: No

REACH Conform: Yes

REACH Reference date: 2025-06-25

RoHS Conform: Yes

TSCA Conform: Yes

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## Accessories

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### Measurement pick-off terminal

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**SMAG 6/4 BG**

[17121.2](#)

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### End plate

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**SAP SSIK 4/6 BK**

[17258.4](#)

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## End stop

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**SES 35 GN**

17250.1

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## Insulation cap for cross-connector

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**SQIK 2,5-10 BK**

17200.4

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## Insulated cross-connector

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**SQI 6/7 BK**

17226.4

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**SQI 6/8 BK**

17227.4

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**SQI 6/4 BK**

17223.4

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**SQI 6/9 BK**

17228.4

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**SQI 6/10 BK**

17229.4

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**SQI 6/2 BK**

17221.4

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**SQI 6/3 BK**

17222.4

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**SQI 6/6 BK**

17225.4

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**SQI 6/30 BK**

17230.4

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**SQI 6/5 BK**

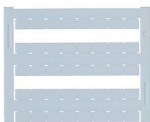
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## Quick marking

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**PMC SB 8/40 WH**

9323.7

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## Screwdriver

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**SDB 0,8x4,0**

1087.0

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## Connecting piece

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**VBS 3/10/Z OG**

2876.3

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**VBS 2/10/Z OG**

2875.3

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