

SAK Series
KDKS1/EN LD 24 VAC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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The fuse terminals of the Weidmüller SAK series are available in two different forms:

- Fuse terminal with pivoting retaining lever
- Fuse terminal with screwed cap

General ordering data

Order No.	8148930000
Type	KDKS1/EN LD 24 VAC
GTIN (EAN)	4008190002572
Qty.	25 pc(s).

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Technical data
Dimensions and weights

Length	62.75 mm	Width	8 mm
Height	55.5 mm	Height of lowest version	55.5 mm
Net weight	18.36 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C

Additional technical data

Installation advice	Direct mounting	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	9 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	4	Clamping range, rated connection, min.	0.5 mm ²
Clamping range, rated connection, max.	4 mm ²	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.8 Nm
Gauge to IEC 60947-1	A3	Wire connection cross section, solid core, max. rated connection	0.5 mm ²
Wire connection cross section, solid core max. rated connection	4 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross-section, finely stranded, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm ²	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm ²	Twin wire-end ferrules, min.	0.5 mm ²
Twin wire-end ferrules, max.	1.5 mm ²	Wire connection cross section AWG, max.	AWG 12

Dimensions

TS 32 offset	31 mm	TS 35 offset	31 mm
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Rated data

Rated cross-section	4 mm ²	Rated voltage	500 V
Current at maximum wires	6.3 A	Pollution severity	3

Material data

Material	PA 66	Colour	Beige
UL 94 flammability rating	V-2		

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System specifications

Product family	SAK Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	4	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 32, TS 35
End cover plate required	Yes		

Display element

Current	2 mA	Operating voltage for display, max.	24 V
Operating voltage for display, min.	24 V	Type of voltage for indicator	AC

Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Current	2 mA
Display	LED	Fuse holder (cartridge holder)	Pivoting
Operating voltage, max.	24 V	Type of voltage for indicator	AC

Classifications

ETIM 2.0	EC000899	ETIM 3.0	EC000899
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-16
eClass 5.1	27-14-11-16	eClass 6.2	27-14-11-16
eClass 7.1	27-14-11-16		

Product information

Descriptive text technical data Note: max. conductor size = 2.5 mm² when using the cross-connection.

Approvals

Approvals



ROHS Conform