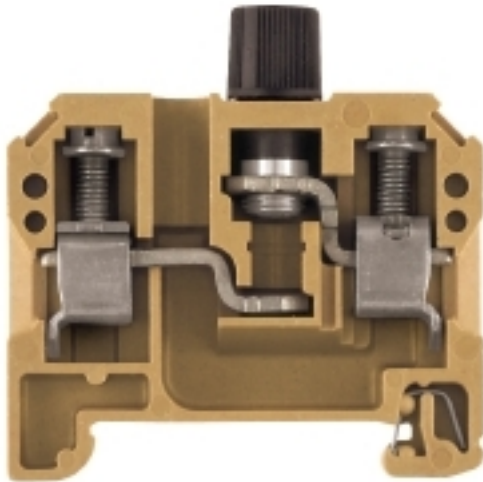


SAK Series
SAKS 1/35 G20 LD 24VDC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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 Germany
 Fon: +49 5231 14-0
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 www.weidmueller.com



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	SAKS 1/35 G20 LD 24VDC
Order No.	0225820000
Version	SAK Series, Fuse terminal, Rated cross-section: 10 mm ² , Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190057626
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Width	13 mm	Width (inches)	0.512 inch
Height	54 mm	Height (inches)	2.126 inch
Depth	53 mm	Depth (inches)	2.087 inch
Net weight	36.41 g		

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	KrG	Colour	Medium Yellow
UL 94 flammability rating	V-0, 5VA		

System specifications

Version	Screw connection, Fuse cartridge, with LED, One end without connector	Tightening torque (clamping screw for copper conductors)	1.2...2.4 Nm
End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

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

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, rated connection, max.	16 mm ²
Clamping range, rated connection, min.	0.5 mm ²	Clamping screw	M 4
Connection direction	on side	Gauge to IEC 60947-1	B6
Number of connections	2	Stripping length	12 mm
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 Nm
Torque level with DMS electric screwdriver	4	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	10 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, max.	10 mm ²	Wire connection cross section, solid core max. rated connection	16 mm ²
Wire connection cross section, solid core, min. rated connection	0.5 mm ²	Wire connection cross section, stranded, rated connection, max.	10 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²

Display element

Current	50 A	Operating voltage for display, max.	24 V
Type of voltage for indicator	AC/DC		

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Technical data**Fuse terminals**

Cartridge fuse	G-Si. 5 x 20	Current	50 A
Display	LED	Fuse holder (cartridge holder)	for screw fixing
Operating voltage, max.	24 V	Type of voltage for indicator	AC/DC

Rating data

Rated cross-section	10 mm ²	Rated voltage	500 V
Current at maximum wires	6.3 A	Volume resistance according to IEC 60947-7-x	0.56 mΩ
Rated impulse withstand voltage	4 kV		

Classifications

ETIM 3.0	EC000899	ETIM 4.0	EC000899
ETIM 5.0	EC000899	ETIM 6.0	EC000899
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-16
eClass 6.2	27-14-11-16	eClass 7.1	27-14-11-16
eClass 8.1	27-14-11-16	eClass 9.0	27-14-11-16
eClass 9.1	27-14-11-16		

Product information

Descriptive text technical data On connecting the 10 mm² stranded conductor, the tightening torque is 2 Nm

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1313_20160418_589_ISSUE01.pdf
Engineering Data	EPLAN_WSCAD
User Documentation	Beipackzettel_SAKS_GL_LD.pdf

Safety note

Safety notice [Safety Information](#)