SAK Series
SAKS 1/G20

Weidmüller Interface GmbH & Co. KG
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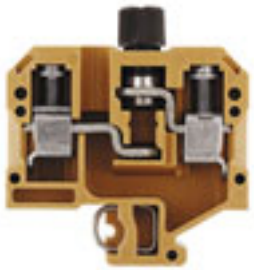

The fuse terminals of the Weidmüller SAK series are available in two different forms:
- Fuse terminal with pivoting retaining lever
- Fuse terminal with screwed cap

General ordering data

Type	SAKS 1/G20
Order No.	0191220000
GTIN (EAN)	4008190095260
Qty.	20 pc(s).

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Technische Daten

Dimensions and weights

Length	54 mm	Width	13 mm
Height	61 mm	Height of lowest version	61 mm
Net weight	39.4 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on	Version	Screw connection, Fuse cartridge, One end without connector

CSA ratings data

Certificate No. (CSA)	12400-198	Voltage size C (CSA)	600 V
Current size C (CSA)	10 A	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm²

Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	12 mm
Blade size	1.0 x 5.5 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.13 mm²
Clamping range, rated connection, max.	16 mm²	Clamping screw	M 4
Tightening torque, min.	1.2 Nm	Tightening torque, max.	2.4 Nm
Torque level with DMS electric screwdriver	4	Gauge to IEC 60947-1	B6
Wire connection cross section, solid core, max. rated connection	0.5 mm²	Wire connection cross section, solid core max. rated connection	16 mm²
Wire connection cross section, stranded, rated connection, min.	1.5 mm²	Wire connection cross section, stranded, rated connection, max.	10 mm²
Wire connection cross section, finely stranded, max.	10 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	10 mm²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 10

Rated data

Rated cross-section	10 mm²	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	10 A
Current at maximum wires	10 A	Pollution severity	3

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UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	6.3 A	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	10 AWG

Material data

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

System specifications

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

Display element

Operating voltage for display, max.	500 V	Type of voltage for indicator	AC/DC

Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Without LED
Fuse holder (cartridge holder)	for screw fixing	Operating voltage, max.	500 V
Type of voltage for indicator	AC/DC		

Classifications

ETIM 3.0	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		

Product information

Descriptive text technical data	Connections for 10-mm² stranded conductors require a tightening torque of 2 Nm.
Descriptive text accessories	Refer to "Accessories" Chapter for cross-connection accessories

Approvals

Approvals

ROHS Conform

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Downloads

DXF	02957_SAKS_1-G20_DXF.dxf
3D Modell	