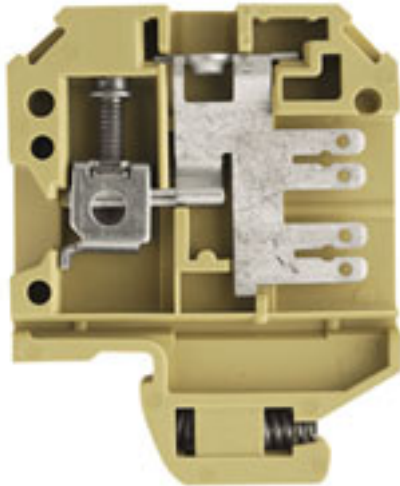


SAK Series
SAK 4 S 6.3/2.8

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
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www.weidmueller.com



In order to do justice to the different requirements placed on our products, it is necessary to use various insulating materials tailored to the particular application. None of the insulating materials used by Weidmüller contain any hazardous substances. Above all, we ensure that all our materials are free from cadmium. Furthermore, they contain no colour pigments based on heavy metals and do not lead to the formation of dioxin/furan.

General ordering data

Type	SAK 4 S 6.3/2.8
Order No.	0401260000
Version	SAK Series, Feed-through terminal, Rated cross-section: 4 mm ² , Screw connection, Busbar
GTIN (EAN)	4008190134730
Qty.	100 pc(s).

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Technische Daten

Dimensions and weights

Length	40 mm	Width	6.5 mm
Height	51.5 mm	Height of lowest version	51.5 mm
Weight	10.98 g	Net weight	10.33 g

Temperatures

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

Additional technical data

Explosion-tested version	No	Installation advice	Busbar
Number of similar terminals	1	Open sides	right
Type of mounting		Version	Screw connection, With cable lug connection F2.8, With cable lug connection F6.3, for screwable cross-connection, One end without connector
	Snap-on		

CSA ratings data

Certificate No. (CSA)	12400-129	Voltage size C (CSA)	300 V
Current size C (CSA)	13 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

Number of connections, additional connection	2	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²		

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Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	12 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	1	Clamping range, rated connection, min.	0.13 mm ²
Clamping range, rated connection, max.	6 mm ²	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	1 Nm
Torque level with DMS electric screwdriver	2	Gauge to IEC 60947-1	A4
Wire connection cross section, solid core, max. rated connection	0.33 mm ²	Wire connection cross section, solid core max. rated connection	6 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	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.	2.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Twin wire-end ferrules, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

Other connections

Cable-lug connection	Slotted	Number of connections, additional connection	2
Rated cross-section spade connector 2.8 mm	1 mm ²	Rated cross-section spade connector 6.3 mm	2.5 mm ²

Rated data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	20 A
Current at maximum wires	20 A	Standards	IEC 60947-7-1, IEC 61210
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	300 V
Current size C (UR)	13 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	12 AWG

Material data

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

System specifications

Product family	SAK Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	1	No. of clamping points per level	3
Levels cross-connected internally	No	Mounting rail	TS 32
End cover plate required	Yes		

Erstellungs-Datum December 12, 2013 10:57:29 AM CET

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Classifications

ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-31	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

Product information

Descriptive text technical data Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

Approvals

Approvals



ROHS Conform