

**SAK Series
SAKH 10 EP/SW**

Weidmüller Interface GmbH & Co. KG
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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	SAKH 10 EP/SW
Order No.	0126700000
Version	SAK Series, Feed-through terminal, Rated cross-section: 10 mm ² , Screw connection
GTIN (EAN)	4008190033156
Qty.	50 pc(s).

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Technical data
Dimensions and weights

Length	57 mm	Width	14 mm
Height	76.5 mm	Height of lowest version	76.5 mm
Net weight	45.2 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	160 °C

Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA05ATEX2061U	ATEX certificate	KEMA05ATEX2061U_d.pdf
ATEX certificate	KEMA05ATEX2061U_e.pdf	Max. voltage (ATEX)	1100 V
Current (ATEX)	57 A	Wire cross section max. (ATEX)	10 mm ²
Voltage, cross-connection		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	CrossConnectionGuide.pdf		
Marking ATEX Directive 94/9/EC	II 2 G D		

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	Screw connection, for screwable cross-connection, One end without connector		

CSA ratings data

Certificate No. (CSA)	200039-1501714	Voltage size B (CSA)	600 V
Voltage size C (CSA)	1000 V	Voltage size D (CSA)	600 V
Current size B (CSA)	76 A	Current size C (CSA)	76 A
Current size D (CSA)	5 A	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	14 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	1 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm ²
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Technical data**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.	1.5 mm ²
Clamping range, rated connection, max.	16 mm ²	Clamping screw	M 4
Tightening torque, min.	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	1.5 mm ²	Wire connection cross section, solid core max. rated connection	16 mm ²
Wire connection cross section, stranded, rated connection, max.	16 mm ²	Wire connection cross section, finely stranded, max.	10 mm ²
Wire connection cross-section, finely stranded, min.	2.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	1 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	10 mm ²	Twin wire-end ferrules, min.	0.75 mm ²
Twin wire-end ferrules, max.	6 mm ²	Wire connection cross section AWG, min.	AWG 14
Wire connection cross section AWG, max.	AWG 6		

Rated data

Rated cross-section	10 mm ²	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	57 A
Current at maximum wires	57 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693	Voltage size B (UR)	600 V
Voltage size C (UR)	600 V	Voltage size D (UR)	600 V
Current size B (UR)	65 A	Current size C (UR)	65 A
Current size D (UR)	5 A	Wire cross section max. (UR)	6 AWG
Wire cross section min. (UR)	14 AWG		

Material data

Material	Epoxy resin, EP	Colour	Black
UL 94 flammability rating	V-0		

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		

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		

Data sheet**SAK Series
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Technical data**Product information**

Descriptive text accessories End bracket from EP: 0693060000 EWK 1PPS/SW.

Approvals

Approvals



ROHS

Conform