SAK Series
SAKG 40/35 II/GW

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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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	SAKG 40/35 II/GW
Order No.	0637820000
Version	Feed-through terminal, 95 mm², Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190052409
Qty.	5 pc(s).

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Technische Daten

Dimensions and weights

Length	90 mm	Width	46 mm
Height	53 mm	Height of lowest version	53 mm
Net weight	243.6 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	Open
Type of mounting	Snap-on	Version	Stud terminal

CSA ratings data

Certificate No. (CSA)	12400-119	Voltage size C (CSA)	600 V
Current size C (CSA)	250 A	Wire cross section max. (CSA)	0000 AWG
Wire cross section min. (CSA)	00 AWG		

Clampable wires (rated connection)

Type of connection	Screw connection	Connection direction	on side
Number of connections	1	Clamping range, rated connection, min.	10 mm²
Clamping range, rated connection, max.	95 mm²	Clamping screw	M 10
Tightening torque, min.	10 Nm	Tightening torque, max.	20 Nm
Wire connection cross section, solid core max. rated connection	16 mm²	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section AWG, max.	AWG 4/0		

Rated data

Rated cross-section	95 mm²	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	232 A
Current at maximum wires	232 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	230 A	Conductor size Factory wiring max. (UR)	0000 AWG
Conductor size Factory wiring min. (UR)	1 AWG	Conductor size Field wiring max. (UR)	0000 AWG

Material data

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

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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	1	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
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		

Product information

Descriptive text technical data	Conductor connection with cable lugs according to DIN 46234, from 10 .. 95 mm²

Approvals

Approvals	
ROHS	Conform

Downloads

STEP	0637820000_09557_SAKG_40-35_II-GW_STP.stp