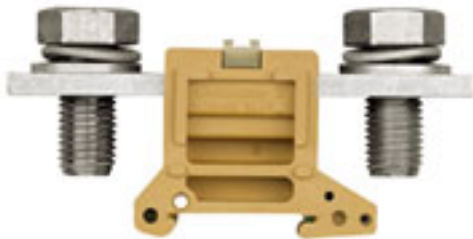


**SAK Series
SAKG 54/35 II**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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	SAKG 54/35 II
Order No.	0638120000
Version	SAK Series, Feed-through terminal, Rated cross-section: 240 mm ² , Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190068646
Qty.	5 pc(s).

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Technische Daten

Dimensions and weights

Length	122 mm	Width	54 mm
Height	60.5 mm	Height of lowest version	60.5 mm
Net weight	595 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)	12400-199	Voltage size C (CSA)	600 V
Current size C (CSA)	600 A	Wire cross section max. (CSA)	500 kcmil
Wire cross section min. (CSA)	300 kcmil		

Clampable wires (rated connection)

Type of connection	Screw connection	Connection direction	on side
Number of connections	1	Clamping range, rated connection, min.	10 mm ²
Clamping range, rated connection, max.	240 mm ²	Clamping screw	M 16
Tightening torque, min.	25 Nm	Tightening torque, max.	60 Nm
Wire connection cross section AWG, min.	kcmil 300	Wire connection cross section AWG, max.	kcmil 500

Rated data

Rated cross-section	240 mm ²	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	415 A
Current at maximum wires	415 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)	380 A	Conductor size Factory wiring max. (UR)	500 kcmil
Conductor size Factory wiring min. (UR)	300 kcmil	Conductor size Field wiring max. (UR)	500 kcmil

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 and DIN 46235, from 70 .. 240 mm ²
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Approvals

Approvals



ROHS	Conform
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