

**SAK Series
SAKG 32/35 I**

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 32/35 I
Order No.	0637120000
Version	SAK Series, Feed-through terminal, Rated cross-section: 50 mm ² , Screw connection, Medium Yellow
GTIN (EAN)	4008190111496
Qty.	10 pc(s).

SAK Series SAKG 32/35 I

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technische Daten

Dimensions and weights

Length	87 mm	Width	32 mm
Height	84.5 mm	Height of lowest version	84.5 mm
Net weight	210.1 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	Number of similar terminals	1
Open sides	Open	Type of mounting	Snap-on
Version	Stud terminal / ZB		

CSA ratings data

Certificate No. (CSA)	12400-199	Voltage size C (CSA)	600 V
Current size C (CSA)	170 A	Wire cross section max. (CSA)	00 AWG
Wire cross section min. (CSA)	1 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	10 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	35 mm ²
---	--------------------	---	--------------------

Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	26 mm
Connection direction	on side	Number of connections	1
Clamping range, rated connection, min.	10 mm ²	Clamping range, rated connection, max.	70 mm ²
Clamping screw	M 8	Tightening torque, min.	6 Nm
Tightening torque, max.	12 Nm	Gauge to IEC 60947-1	B11
Wire connection cross section, solid core, max. rated connection	10 mm ²	Wire connection cross section, solid core max. rated connection	16 mm ²
Wire connection cross section, stranded, rated connection, min.	10 mm ²	Wire connection cross section, stranded, rated connection, max.	70 mm ²
Wire connection cross section, finely stranded, max.	70 mm ²	Wire connection cross-section, finely stranded, min.	10 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	10 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	70 mm ²
Wire connection cross section AWG, min.	AWG 3	Wire connection cross section AWG, max.	AWG 2/0

Rated data

Rated cross-section	50 mm ²	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	150 A
Current at maximum wires	192 A	Standards	IEC 60947-7-1
Pollution severity	3		

Datenblatt

**SAK Series
SAKG 32/35 I**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technische Daten

UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	165 A	Conductor size Factory wiring max. (UR)	000 AWG
Conductor size Factory wiring min. (UR)	6 AWG	Conductor size Field wiring max. (UR)	000 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	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		

Approvals

Approvals



ROHS Conform