

**SAK Series
SAKG 32 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



The Weidmüller SAKG range includes the following connection types:

- Combined clamping yoke/flat-blade connection, version I
- Flat spade connection, version II.

Here, two types of cable glands are intended:

- a) screw set with lock nut
 - b) with threads on the busbar
- clamping yoke connection, version III.

The stripped conductor can be connected without any further preparation.

General ordering data

Type	SAKG 32 II
Order No.	0170420000
Version	SAK Series, Feed-through terminal, Rated cross-section: 50 mm ² , Screw connection, Medium Yellow
GTIN (EAN)	4008190011369
Qty.	10 pc(s).

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Technische Daten

Dimensions and weights

Length	80 mm	Width	32 mm
Height	53 mm	Height of lowest version	53 mm
Weight	154 g	Net weight	148.7 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		

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 (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.	70 mm ²	Clamping screw	M 8
Tightening torque, min.	6 Nm	Tightening torque, max.	12 Nm
Wire connection cross section AWG, min.	AWG 6	Wire connection cross section AWG, max.	AWG 3/0

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		

UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	200 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		

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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 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		

Product information

Descriptive text technical data	Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 10 .. 70 mm²
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Approvals

Approvals



ROHS	Conform
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Downloads

STEP	0170420000_01088_SAKG_32_II_STP.stp
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