

**SAK terminal with screw connection
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

Order No.	0170420000
Type	SAKG 32 II
Version	SAK terminal with screw connection, Special terminal, Rated cross-section: 50 mm ² , Screw connection, KrG, Medium yellow
GTIN (EAN)	4008190011369
Qty.	10 pc(s).

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Technical data

Dimensions

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)	E60693VOL1SEC2	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

Insulating material	KrG	Material	KrG
Colour	Beige	UL 94 flammability rating	V-0

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Technical data

System specifications

Product family	SAK terminal with screw connection	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 2.0	EC000897	ETIM 3.0	EC000897
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-31
eClass 5.1	27-14-11-31	eClass 6.0	27-14-11-20
eClass 7.0	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 mm ²
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Approvals

Approvals



Downloads

STEP	0170420000_01088_SAKG_32_II_STP.stp
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