

**SAK Series
SAKG 46 II**

Weidmüller Interface GmbH & Co. KG
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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 46 II
Order No.	0170620000
Version	SAK Series, Feed-through terminal, Rated cross-section: 150 mm ² , Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190170592
Qty.	5 pc(s).

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Technische Daten

Dimensions and weights

Length	106 mm	Width	46 mm
Height	57 mm	Height of lowest version	57 mm
Weight	372.2 g	Net weight	355 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)	365 A	Wire cross section max. (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.	185 mm ²	Clamping screw	M 12
Tightening torque, min.	14 Nm	Tightening torque, max.	31 Nm
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 AWG, min.	AWG 4/0	Wire connection cross section AWG, max.	kcmil 300

Rated data

Rated cross-section	150 mm ²	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	309 A
Current at maximum wires	353 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)	285 A	Conductor size Factory wiring max. (UR)	300 kcmil
Conductor size Factory wiring min. (UR)	0000 AWG	Conductor size Field wiring max. (UR)	300 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 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, from 10 .. 185 mm ² and DIN 46235, from 25 .. 150 mm ²
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Approvals

Approvals



ROHS	Conform
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Downloads

DXF	01123_SAKG_46_II_DXF.dxf
STEP	0170620000_01123_SAKG_46_II_STP.stp