

**SAK Series
SAKG 46 II/GW**

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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/GW
Order No.	0185320000
Version	SAK Series, Feed-through terminal, Rated cross-section: 150 mm², Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190125257
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	342.8 g	Net weight	327.6 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		

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 32
End cover plate required	Yes		

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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 mm² and DIN 46235, from 25 .. 150 mm²

Approvals

Approvals



ROHS Conform

Downloads

DXF	01429_SAKG_46_II-GW_DXF.dxf
STEP	0185320000_01429_SAKG_46_II-GW_STP.stp