

**SAK Series
SAKG 40 II/GW****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 40 II/GW
Order No.	0185220000
Version	SAK Series, Feed-through terminal, Rated cross-section: 95 mm ² , Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190088408
Qty.	10 pc(s).

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Technische Daten
Dimensions and weights

Length	90 mm	Width	46 mm
Height	53 mm	Height of lowest version	53 mm
Weight	217.9 g	Net weight	216.6 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)	12400-119	Voltage size C (CSA)	600 V
Current size C (CSA)	250 A	Wire cross section max. (CSA)	0000 AWG
Wire cross section min. (CSA)	00 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.	95 mm ²	Clamping screw	M 10
Tightening torque, min.	10 Nm	Tightening torque, max.	20 Nm
Wire connection cross section, solid core max. rated connection	16 mm ²	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section AWG, max.	AWG 4/0		

Rated data

Rated cross-section	95 mm ²	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	232 A
Current at maximum wires	232 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 .. 95 mm²

Approvals

Approvals



ROHS Conform

Downloads

DXF	01428_SAKG_40_II-GW_DXF.dxf
STEP	0185220000_01428_SAKG_40_II-GW_STP.stp