

**SAK Series
SAKG 28 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 28 II
Order No.	0170320000
Version	SAK Series, Feed-through terminal, Rated cross-section: 35 mm ² , Screw connection
GTIN (EAN)	4008190126247
Qty.	10 pc(s).

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Technische Daten
Dimensions and weights

Length	70 mm	Width	28 mm
Height	53 mm	Height of lowest version	53 mm
Weight	100.5 g	Net weight	95.6 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	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)	110 A	Wire cross section max. (CSA)	1 AWG
Wire cross section min. (CSA)	6 AWG		

Clampable wires (rated connection)

Type of connection	Screw connection	Connection direction	on side
Number of connections	1	Clamping range, rated connection, min.	6 mm ²
Clamping range, rated connection, max.	50 mm ²	Clamping screw	M 6
Tightening torque, min.	3 Nm	Tightening torque, max.	6 Nm
Wire connection cross section AWG, min.	AWG 6	Wire connection cross section AWG, max.	AWG 1

Rated data

Rated cross-section	35 mm ²	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	125 A
Current at maximum wires	150 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)	115 A	Conductor size Factory wiring max. (UR)	2 AWG
Conductor size Factory wiring min. (UR)	8 AWG	Conductor size Field wiring max. (UR)	2 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 6 .. 50 mm²
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Approvals

Approvals



ROHS	Conform
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