SAK Series
SAKG 70 II/GW

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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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 70 II/GW
Order No.	0150420000
Version	SAK Series, Feed-through terminal, Rated cross-section: 70 mm², Screw connection, Medium Yellow
GTIN (EAN)	4008190126841
Qty.	10 pc(s).

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Technische Daten

Dimensions and weights

Length	84 mm	Width	32 mm
Height	51.4 mm	Height of lowest version	51.4 mm
Weight	189.5 g	Net weight	181 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)	200 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 mm²
Clamping range, rated connection, max.	95 mm²	Clamping screw	M 8
Tightening torque, min.	6 Nm	Tightening torque, max.	12 Nm
Wire connection cross section, solid core, max. rated connection	10 mm²	Wire connection cross section, solid core max. rated connection	16 mm²
Wire connection cross section AWG, min.	AWG 20	Wire connection cross section AWG, max.	AWG 4/0

Rated data

Rated cross-section	70 mm²	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	192 A
Current at maximum wires	192 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 with 16..95 mm² and DIN 46235 with 10 .. 50 mm²

Approvals

Approvals	
ROHS	Conform