

**SAK Series  
SAKG 40 II**

**Weidmüller Interface GmbH & Co. KG**  
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Fon: +49 5231 14-0  
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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
Order No.	<a href="#">0170520000</a>
Version	SAK Series, Feed-through terminal, Rated cross-section: 95 mm <sup>2</sup> , Screw connection, Medium Yellow
GTIN (EAN)	4008190049911
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	242.4 g	Net weight	236 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)	12400-119	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 <sup>2</sup>
Clamping range, rated connection, max.	95 mm <sup>2</sup>	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 <sup>2</sup>	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section AWG, max.	AWG 4/0		

### Rated data

Rated cross-section	95 mm <sup>2</sup>	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		

### UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	230 A	Conductor size Factory wiring max. (UR)	0000 AWG
Conductor size Factory wiring min. (UR)	1 AWG	Conductor size Field wiring max. (UR)	0000 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, from 10 .. 95 mm²
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**Approvals**

Approvals



ROHS	Conform
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