

**SAK Series**  
**SAKG 54 II**

**Weidmüller Interface GmbH & Co. KG**  
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 Germany  
 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 54 II
Order No.	<a href="#">0170720000</a>
Version	SAK Series, Feed-through terminal, Rated cross-section: 240 mm <sup>2</sup> , Screw connection, Medium Yellow
GTIN (EAN)	4008190064044
Qty.	5 pc(s).

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**Technical data****Dimensions and weights**

Length	122 mm	Width	54 mm
Height	60.5 mm	Height of lowest version	60.5 mm
Weight	591 g	Net weight	580.4 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)	600 A	Wire cross section max. (CSA)	500 kcmil
Wire cross section min. (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 <sup>2</sup>
Clamping range, rated connection, max.	240 mm <sup>2</sup>	Clamping screw	M 16
Tightening torque, min.	25 Nm	Tightening torque, max.	60 Nm
Wire connection cross section AWG, min.	kcmil 300	Wire connection cross section AWG, max.	kcmil 500

**Rated data**

Rated cross-section	240 mm <sup>2</sup>	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	415 A
Current at maximum wires	415 A	Standards	IEC 60947-7-1
Pollution severity	3		

**UL ratings data**

Certificate No. (UR)	E60693VOL1SEC2	Voltage size C (UR)	600 V
Current size C (UR)	380 A	Conductor size Factory wiring max. (UR)	500 kcmil
Conductor size Factory wiring min. (UR)	300 kcmil	Conductor size Field wiring max. (UR)	500 kcmil

**Material data**

Material	KrG	Colour	Medium Yellow
UL 94 flammability rating	V-0, 5VA		

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**Technical data**
**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 2.0	EC000897	ETIM 3.0	EC000897
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-31
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 70 .. 240 mm<sup>2</sup>

**Approvals**

Approvals



ROHS      Conform

**Downloads**

STEP      [0170720000\\_01122\\_SAKG\\_54\\_II\\_STP.stp](#)