

SAK terminal with screw connection SAKG 54 II

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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

Order No.	0170720000
Type	SAKG 54 II
Version	SAK terminal with screw connection, Special terminal, Rated cross-section: 240 mm ² , Screw connection, KrG, Medium yellow
GTIN (EAN)	4008190064044
Qty.	5 pc(s).

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Technical data**Dimensions**

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 ²
Clamping range, rated connection, max.	240 mm ²	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 ²	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

Insulating material	KrG	Material	KrG
Colour	Beige	UL 94 flammability rating	V-0

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Technical data

System specifications

Product family	SAK terminal with screw connection	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 6.0	27-14-11-20
eClass 7.0	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 mm²

Approvals

Approvals



Downloads

STEP [0170720000_01122_SAKG_54_II_STP.stp](#)