

**SAK Series  
SAKG 54 II/GW**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
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**Product image****Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

Available until	2018-01-31
Type	SAKG 54 II/GW
Order No.	<a href="#">0185420000</a>
Version	SAK Series, Feed-through terminal, Rated cross-section: 240 mm <sup>2</sup> , Screw connection, medium yellow
GTIN (EAN)	4008190052577
Qty.	5 pc(s).
Alternative product	<a href="#">1028700000</a>

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

Width	54 mm	Width (inches)	2.126 inch
Height	122 mm	Height (inches)	4.803 inch
Depth	60.5 mm	Depth (inches)	2.382 inch
Weight	530.8 g	Net weight	527.8 g

**Temperatures**

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

**Material data**

Material	KrG	Colour	medium yellow
UL 94 flammability rating	V-0, 5VA		

**System specifications**

Version	Stud terminal	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 32	N-function	No
PE function	No	PEN function	No

**Additional technical data**

Explosion-tested version	No	Number of similar terminals	1
Open sides	Open	Type of mounting	Snap-on

**CSA rating data**

Certificate No. (CSA)	12400-199	Current size C (CSA)	600 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	500 kcmil
Wire cross section min. (CSA)	300 kcmil		

**Conductors for clamping (rated connection)**

Clamping range, max.	240 mm <sup>2</sup>	Clamping range, min.	10 mm <sup>2</sup>
Clamping screw	M 16	Connection direction	on side
Number of connections	2	Tightening torque, max.	60 Nm
Tightening torque, min.	25 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	kcmil 500	Wire connection cross section AWG, min.	kcmil 300

**Rating data**

Rated cross-section	240 mm <sup>2</sup>	Rated voltage	1,000 V
Rated current	415 A	Current at maximum wires	415 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.08 mΩ
Power loss in accordance with IEC 60947-7-x	13.28 W	Rated impulse withstand voltage	8 kV
Pollution severity	3		

**Data sheet**

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**Classifications**

ETIM 6.0	EC000897	ETIM 7.0	EC000897
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20
eClass 10.0	27-14-11-20	UNSPSC	30-21-18-11

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE_PT1344_20160418_530_ISSUE01.pdf</a>
Engineering Data	<a href="#">EPLAN_WSCAD</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>

**Safety note**

Safety notice	<a href="#">Safety Information</a>
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