

SAKG 54 II/GW**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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

Version	SAK Series, Feed-through terminal, Rated cross-section: 240 mm ² , Screw connection, medium yellow
Order No.	0185420000
Type	SAKG 54 II/GW
GTIN (EAN)	4008190052577
Qty.	5 pc(s).

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Technical data

Dimensions and weights

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

Temperatures

Storage temperature	-25 °C...55 °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 ²	Clamping range, min.	10 mm ²
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

General

Rail	TS 32	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	kcmil 500	Wire connection cross section AWG, min.	kcmil 300

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Rating data

Power loss in accordance with IEC 60947-7-x	13.28 W	Rated cross-section	240 mm ²
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	Rated impulse withstand voltage	8 kV
Pollution severity	3		

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	ECLASS 11.0	27-14-11-20

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity	EAC certificate DNVGL certificate MARITREG Certificate Declaration of Conformity Declaration of Conformity
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks