

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Are you looking for an interface from electrical engineering to electronics? To be able to feed through to the electronic devices on the panel sometimes a solder connection or a standard pluggable solution is appropriate.

General ordering data

Version	SAK Series, Feed-through terminal, Rated cross-section: 240 mm ² , Screw connection, medium yellow
Order No.	0170720000
Type	SAKG 54 II
GTIN (EAN)	4008190064044
Qty.	5 pc(s).

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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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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
Width	54 mm	Width (inches)	2.126 inch
Net weight	576.8 g		

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

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	Power loss in accordance with IEC 60947-7-x	13.28 W
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	500 kcmil
Conductor size Factory wiring min. (UR)	300 kcmil	Conductor size Field wiring max. (UR)	500 kcmil
Conductor size Field wiring min. (UR)	300 kcmil	Current size C (UR)	380 A
Voltage size C (UR)	600 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	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	ECLASS 12.0	27-14-11-20

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

Downloads

Approval/Certificate/Document of Conformity	EAC certificate MARITREG Certificate Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format