SAKG 46 II/GW

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: 150 mm², Threaded stud connection, medium yellow, Direct mounting
Order No.	0185320000
Type	SAKG 46 II/GW
GTIN (EAN)	4008190125257
Qty.	5 pc(s).

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Technical data

Dimensions and weights

Depth	57 mm	Depth (inches)	2.244 inch
Height	106 mm	Height (inches)	4.173 inch
Width	46 mm	Width (inches)	1.811 inch
Net weight	326 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	SCIP	999cd67e-471e-4085-8dba-1342fcea

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	Installation advice	Direct mounting
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)	365 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	300 kcmil

Conductors for clamping (rated connection)

Cable lug to DIN 46234	10...185 mm²	Cable lug to DIN 46235	25 - 150 mm²
Clamping range, max.	185 mm²	Clamping range, min.	10 mm²
Clamping screw	M 12	Connection direction	on side
Number of connections	2	Tightening torque, max.	31 Nm
Tightening torque, min.	14 Nm	Type of connection	Threaded stud connection

General

Installation advice	Direct mounting	Rail	TS 32
Standards	IEC 60947-7-1		

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Rating data

Rated cross-section	150 mm²	Rated voltage	1,000 V
Rated current	309 A	Current at maximum wires	353 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.1 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	9.89 W
Pollution severity	3		

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

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DNVGL certificate MARITREG Certificate Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	CAD data – 01429_SAKG_46_II-GW_DXF.dxf CAD data – STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format