

SAKG 40 II**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: 95 mm², Threaded stud connection, medium yellow
Order No.	0170520000
Type	SAKG 40 II
GTIN (EAN)	4008190049911
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	53 mm	Depth (inches)	2.087 °C
Height	90 mm	Height (inches)	3.543 °C
Width	46 mm	Width (inches)	1.811 °C
Weight	242.4 g	Net weight	232.4 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
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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)	12400-119	Current size C (CSA)	250 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	0000 AWG
Wire cross section min. (CSA)	00 AWG		

Conductors for clamping (rated connection)

Clamping range, max.	95 Nm	Clamping range, min.	10 Nm
Clamping screw	M 10	Connection direction	on side
Number of connections	1	Tightening torque, max.	20 inch
Tightening torque, min.	10 inch	Type of connection	Threaded stud connection
Wire connection cross section AWG, max.	AWG 4/0	Wire connection cross section AWG, min.	AWG 20
Wire connection cross-section, solid core, max.	16 Nm		

General

Rail	TS 32	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 4/0	Wire connection cross section AWG, min.	AWG 20

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Technical data

Rating data

Rated cross-section	95 Nm	Rated voltage	1,000 V
Rated current	232 A	Current at maximum wires	232 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.14 °C
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	7.42 W
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	0000 AWG
Conductor size Factory wiring min. (UR)	1 AWG	Conductor size Field wiring max. (UR)	0000 AWG
Conductor size Field wiring min. (UR)	1 AWG	Current size C (UR)	230 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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DNVGL certificate MARITREG Certificate Declaration of Conformity Declaration of Conformity all terminals
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format