

**SAKG 40 II****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

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**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: 95 mm <sup>2</sup> , Threaded stud connection, medium yellow
Order No.	<a href="#">0170520000</a>
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 inch
Height	90 mm	Height (inches)	3.543 inch
Width	46 mm	Width (inches)	1.811 inch
Net weight	232.4 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)	12400-119	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 mm <sup>2</sup>	Clamping range, min.	10 mm <sup>2</sup>
Clamping screw	M 10	Connection direction	on side
Number of connections	1	Tightening torque, max.	20 Nm
Tightening torque, min.	10 Nm	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 mm <sup>2</sup>		

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

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## Technical data

### Rating data

Rated cross-section	95 mm <sup>2</sup>	Rated voltage	www.weidmueller.com 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 mΩ
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	ECLASS 12.0	27-14-11-20

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	999cd67e-471e-4085-8dba-1342fcea86de

### Approvals

Approvals



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

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">DNVGL certificate</a> <a href="#">MARITREG Certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">WSCAD</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>