

SAKG 32 III**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	SAK Series, Feed-through terminal, Rated cross-section: 50 mm ² , Screw connection, medium yellow, Direct mounting
Order No.	0286720000
Type	SAKG 32 III
GTIN (EAN)	4008190081010
Qty.	10 pc(s).
Alternative product	1024600000

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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	84.5 mm	Depth (inches)	3.327 inch
Height	94 mm	Height (inches)	3.701 inch
Width	32 mm	Width (inches)	1.26 inch
Net weight	243.7 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	Screw connection	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)	185 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	00 AWG
Wire cross section min. (CSA)	1 AWG		

Conductors for clamping (rated connection)

Clamping range, max.	70 mm ²	Clamping range, min.	10 mm ²
Clamping screw	M 8	Connection cross-section, stranded, max.	70 mm ²
Connection cross-section, stranded, min.	10 mm ²	Connection direction	on side
Gauge to IEC 60947-1	B11	Number of connections	1
Stripping length	26 mm	Tightening torque, max.	12 Nm
Tightening torque, min.	6 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 2/0	Wire connection cross section AWG, min.	AWG 3
Wire connection cross section, finely stranded, max.	70 mm ²	Wire connection cross section, finely stranded, min.	10 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	70 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	10 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	10 mm ²

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Technical data

General

Installation advice	Direct mounting	Rail	TS 32
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 2/0
Wire connection cross section AWG, min.	AWG 3		

Rating data

Rated cross-section	50 mm ²	Rated voltage	1,000 V
Rated current	150 A	Current at maximum wires	192 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.21 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	4.8 W
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	000 AWG
Conductor size Factory wiring min. (UR)	6 AWG	Conductor size Field wiring max. (UR)	000 AWG
Conductor size Field wiring min. (UR)	6 AWG	Current size C (UR)	165 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

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www.weidmueller.com**Technical data****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