

SAKG 32 III**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: 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

Creation date March 22, 2021 9:47:48 AM CET

Catalogue status 12.03.2021 / 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
Net weight	247.8 g	Weight	251.2 g
Width	32 mm	Width (inches)	1.26 inch

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	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		

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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	B 11	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 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		

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

Power loss in accordance with IEC 60947-7-x	4.8 W	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
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
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

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

Approvals



ROHS Conform

UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate MARITREG Certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks