

**SAK Series
SAKG 70/35 II/GW**

Weidmüller Interface GmbH & Co. KG
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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

Type	SAKG 70/35 II/GW
Order No.	0636620000
Version	SAK Series, Feed-through terminal, Rated cross-section: 70 mm ² , Screw connection, medium yellow
GTIN (EAN)	4008190157876
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Width	32 mm	Width (inches)	1.26 inch
Height	84 mm	Height (inches)	3.307 inch
Depth	51.4 mm	Depth (inches)	2.024 inch
Net weight	190 g		

Temperatures

Storage temperature, max.	55 °C	Storage temperature, min.	-25 °C
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 35	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)	12400-199	Current size C (CSA)	200 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 ²	Clamping range, min.	10 mm ²
Clamping screw	M 8	Connection direction	on side
Number of connections	1	Tightening torque, max.	12 Nm
Tightening torque, min.	6 Nm	Type of connection	Screw 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 ²	Wire connection cross-section, solid core, min.	10 mm ²

Data sheet

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Technical data

Rating data

Rated cross-section	70 mm ²	Rated voltage	1,000 V
Rated current	192 A	Current at maximum wires	192 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.17 mΩ
Power loss in accordance with IEC 60947-7-x	6.14 W	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)	200 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	UNSPSC	30-21-18-11

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate MARITREG Certificate DE_PT1314_20160418_533_ISSUE01.pdf Declaration of Conformity Terminals
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice [Safety Information](#)