

SAKG 46/35 II/GW**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: 150 mm ² , Screw connection, medium yellow, Direct mounting
Order No.	0638020000
Type	SAKG 46/35 II/GW
GTIN (EAN)	4008190008161
Qty.	5 pc(s).

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Technical data

Dimensions and weights

Depth	57 mm	Depth (inches)	2.244 inch
Height	106 mm	Height (inches)	4.173 inch
Net weight	340.8 g	Width	46 mm
Width (inches)	1.811 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	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	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)	365 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	300 kcmil

Conductors for clamping (rated connection)

Clamping range, max.	185 mm ²	Clamping range, min.	10 mm ²
Clamping screw	M 12	Connection direction	on side
Number of connections	2	Tightening torque, max.	31 Nm
Tightening torque, min.	14 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	kcmil 300	Wire connection cross section AWG, min.	AWG 4/0
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 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	kcmil 300
Wire connection cross section AWG, min.	AWG 4/0		

Rating data

Power loss in accordance with IEC 60947-7-x	9.89 W	Rated cross-section	150 mm ²
Rated voltage	1,000 V	Rated current	309 A
Current at maximum wires	353 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.1 mΩ	Rated impulse withstand voltage	8 kV
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	300 kcmil
Conductor size Factory wiring min. (UR)	0000 AWG	Conductor size Field wiring max. (UR)	300 kcmil
Conductor size Field wiring min. (UR)	0000 AWG	Current size C (UR)	285 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

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	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks