

SAKG 28 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: 35 mm², Screw connection
Order No.	0185020000
Type	SAKG 28 II/GW
GTIN (EAN)	4008 190022822
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	51.4 mm	Depth (inches)	2.024 inch
Height	70 mm	Height (inches)	2.756 inch
Net weight	92.1 g	Width	28 mm
Width (inches)	1.102 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 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)	12400-199	Current size C (CSA)	110 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	1 AWG
Wire cross section min. (CSA)	6 AWG		

Conductors for clamping (rated connection)

Clamping range, max.	50 mm ²	Clamping range, min.	6 mm ²
Clamping screw	M 6	Connection direction	on side
Number of connections	1	Tightening torque, max.	6 Nm
Tightening torque, min.	3 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 1	Wire connection cross section AWG, min.	AWG 6

General

Rail	TS 32	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 1	Wire connection cross section AWG, min.	AWG 6

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Technical data

Rating data

Power loss in accordance with IEC 60947-7-x

4 W

Rated cross-section

35 mm²

Rated voltage

1,000 V

Rated current

125 A

Current at maximum wires

150 A

Standards

IEC 60947-7-1

Volume resistance according to IEC 60947-7-x

0.26 mΩ

Rated impulse withstand voltage

8 kV

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

Downloads

Approval/Certificate/Document of Conformity

[EAC certificate](#)
[MARITREG Certificate](#)
[Declaration of Conformity](#)
[Declaration of Conformity](#)

Engineering Data

[01426_SAKG_28_II-GW_DXF.dxf](#)
[STEP](#)

Engineering Data

[EPLAN, WSCAD](#)

User Documentation

[StorageConditionsTerminalBlocks](#)