

SAKK 10 KER/WS**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: 10 mm ² , Screw connection, Direct mounting
Order No.	1598090000
Type	SAKK 10 KER/WS
GTIN (EAN)	4008190185565
Qty.	25 pc(s).

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	53 mm	Depth (inches)	2.087 inch
Height	40 mm	Height (inches)	1.575 inch
Net weight	45.2 g	Width	11.5 mm
Width (inches)	0.453 inch		

Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-60	Continuous operating temp., max.	250

Material data

Material	Ceramic	Colour	white
UL 94 flammability rating	V-0, 5VB		

Rating data IECEx/ATEX

Certificate No. (ATEX)	SIRA03ATEX3425U	ATEX certificate	SIRA03ATEX3425U_e.pdf
ATEX certificate	SIRA03ATEX3425U_d.pdf	Certificate No. (IECEX)	IECEXSIR05.0032U
IEC Ex certificate	IECEXSIR05.0032U_e.pdf	Max. voltage (ATEX)	275 V
Current (ATEX)	50 A	Wire cross section max. (ATEX)	10 mm ²
Max. voltage (IECEX)	275 V	Current (IECEX)	50 A
Wire cross section max. (IECEX)		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	10 mm ²		
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

System specifications

Version	Screw connection, for screwable cross-connection, One end without connector	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	Yes	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	12400-290	Current size C (CSA)	65 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	14 AWG		

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Technical data

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm ²
Clamping range, min.	1.5 mm ²	Clamping screw	M 4
Connection cross-section, stranded, max.	16 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B6
Number of connections	2	Stripping length	12 mm
Tightening torque, max.	1.2 Nm	Tightening torque, min.	1.2 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 14	Wire connection cross section, finely stranded, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	1.5 mm ²

General

Installation advice	Direct mounting	Rail	TS 32
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 14		

Rating data

Power loss in accordance with IEC 60947-7-x	1.82 W	Rated cross-section	10 mm ²
Rated voltage	800 V	Rated current	57 A
Current at maximum wires	76 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Rated impulse withstand voltage	8 kV
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	14 AWG	Conductor size Field wiring max. (UR)	6 AWG
Conductor size Field wiring min. (UR)	14 AWG	Current size C (UR)	55 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

Data sheet

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation Of Conformity
	ATEX Certificate
	IECEX Certificate
	CB Certificate
	CB Test Certificate
	EAC certificate
	EAC EX Certificate
	CCC Ex Certificate
	Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Product Change Notification	PCN_SAKK_20190405
User Documentation	NTI SAKK 10
	StorageConditionsTerminalBlocks