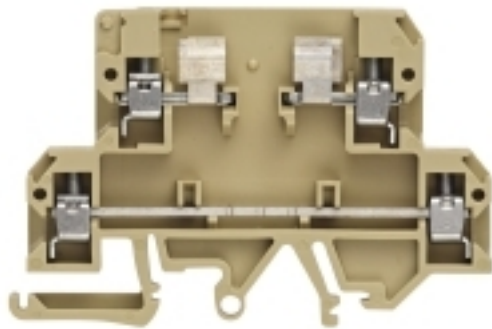


SAK Series
KDKS 1/EN4 O.TNHE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	KDKS 1/EN4 O.TNHE
Order No.	9509640000
Version	SAK Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection, Direct mounting
GTIN (EAN)	5027357067093
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Width	8 mm	Width (inches)	0.315 inch
Height	91 mm	Height (inches)	3.583 inch
Depth	65 mm	Depth (inches)	2.559 inch
Net weight	20.28 g		

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	100 °C		

Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	Screw connection, Fuse isolator, One end without connector	End cover plate required	Yes
Number of potentials	2	Number of levels	2
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	right
Type of mounting	Snap-on		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.33 mm ²	Clamping screw	M 3
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	3	Stripping length	9 mm
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Fuse terminals

Cartridge fuse	G-Si. 5 x 20
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Creation date January 11, 2020 10:27:48 PM CET

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Technical data

PE rating data

PEN function	No
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Rating data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated current	6.3 A	Current at maximum wires	6.3 A
Standards	IEC 60947-7-1 (-7-2)	Volume resistance according to IEC 60947-7-x	1 mΩ
Power loss in accordance with IEC 60947-7-x	1.02 W	Rated impulse withstand voltage	6 kV
Pollution severity	3		

Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
eClass 9.0	27-14-11-16	eClass 9.1	27-14-11-16
eClass 10.0	27-14-11-16	UNSPSC	30-21-18-11

Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	DE_PT1302_20160418_187_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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