SAK Series
EK 2

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Klippon® Connect with clamping yoke Technology
The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	EK 2
Order No.	0323100000
Version	SAK Series, PE terminal, Rated cross-section: 10 mm², Screw connection
GTIN (EAN)	4008190013585
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Width	10.2 mm	Width (inches)	0.402 inch
Height	52 mm	Height (inches)	2.047 inch
Depth	38 mm	Depth (inches)	1.496 inch
Weight	32.55 g	Net weight	32.9 g

Material data

Colour	Yellow, Green

System specifications

Version	Screw connection, With PE connection	Tightening torque (mounting screw)	2...4 Nm
Tightening torque (clamping screw for copper conductors)	1.2...1.6 Nm	End cover plate required	No
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Mounting rail	TS 32	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	closed	Type of mounting	Screwed

CSA rating data

Certificate No. (CSA)	12400-236	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm²

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Technical data

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	10 mm²
Clamping range, min.	1.5 mm²	Clamping screw	M 4
Connection cross-section, stranded, max.	10 mm²	Connection cross-section, stranded, min.	1.5 mm²
Connection direction	on side	Gauge to IEC 60947-1	B6
Number of connections	2	Stripping length	14 mm
Tightening torque, max.	1.6 Nm	Tightening torque, min.	1.2 Nm
Torque level with DMS electric screwdriver	4	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 16
Wire connection cross section, finely stranded, max.	10 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm²	Wire connection cross-section, finely stranded, min.	1.5 mm²
Wire connection cross-section, solid core, max.	10 mm²	Wire connection cross-section, solid core, min.	1.5 mm²

PE rating data

Rated short-time current	1200 A (10 mm²)	Centre screw on PE terminals	M 5
Tightening torque range for fixing screw	2.0...4.0 Nm	PEN function	No

Rating data

Rated cross-section	10 mm²	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.56 mΩ		

Classifications

ETIM 3.0	EC000901	ETIM 4.0	EC000491
ETIM 5.0	EC000491	ETIM 6.0	EC000901
UNSPSC	30-21-18-11	eClass 5.1	27-14-03-05
eClass 6.2	27-14-03-05	eClass 7.1	27-14-03-05
eClass 8.1	27-14-11-41	eClass 9.0	27-14-11-41
eClass 9.1	27-14-11-41		

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1332_20160418_172_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

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Technical data

Safety note

Safety notice	Safety Information