

**EK 2****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, PE terminal, Rated cross-section: 10 mm <sup>2</sup> , Screw connection
Order No.	<a href="#">032310000</a>
Type	EK 2
GTIN (EAN)	4008 190013585
Qty.	20 pc(s).

Creation date January 11, 2022 11:41:25 AM CET

Catalogue status 17.12.2021 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

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

**Temperatures**

Storage temperature	-25 °C...55 °C
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**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Material data**

Colour	yellow, green
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**System specifications**

Version	Screw connection, With PE connection	End cover plate required	No
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	Yes
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	when screwed in

**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 mm <sup>2</sup>
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## Technical data

## Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	10 mm <sup>2</sup>
Clamping range, min.	1.5 mm <sup>2</sup>	Clamping screw	M 4
Connection cross-section, stranded, max.	10 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
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 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>

## General

Rail	TS 32	Standards	IEC 60947-7-2
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 16

## PE rating data

Rated short-time current	1200 A (10 mm <sup>2</sup> )	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 mm <sup>2</sup>	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Power loss in accordance with IEC 60947-7-x	1.82 W

## Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ECLASS 9.0	27-14-11-41
ECLASS 9.1	27-14-11-41	ECLASS 10.0	27-14-11-41
ECLASS 11.0	27-14-11-41		

## Approvals

Approvals



ROHS

Conform

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CB Certificate</a> <a href="#">CB Test Certificate</a> <a href="#">EAC certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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**Accessories**

**SAK-Series**



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

**General ordering data**

Type	EW 35	Version
Order No.	<a href="#">0383560000</a>	Accessories, End bracket
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	

**Mounting rail support**



Mounting rail supports can be used to mount din rails at any location in the cabinet. The resulting raised or angled din rail offers the installer both easier component mounting and wiring.

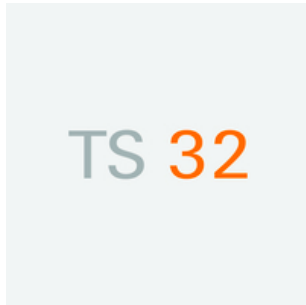
**General ordering data**

Type	SH 2	Version
Order No.	<a href="#">0494920000</a>	Accessories, Rail support, KrG
GTIN (EAN)	4008190007584	
Qty.	10 pc(s).	

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**Accessories****TS 32**

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**General ordering data**

Type	EWK 1	Version
Order No.	<a href="#">0206160000</a>	Accessories, End bracket
GTIN (EAN)	4008190080020	
Qty.	50 pc(s).	

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