

SAK Series
SAKT E/35 2LD 30VAC

Weidmüller Interface GmbH & Co. KG
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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	SAKT E/35 2LD 30VAC
Order No.	1166820000
Version	SAK Series, Test-disconnect terminal, Rated cross-section: 6 mm², Screw connection, medium yellow, Direct mounting
GTIN (EAN)	4008190048082
Qty.	5 pc(s).

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Technical data

Dimensions and weights

Width	16 mm	Width (inches)	0.63 inch
Height	65 mm	Height (inches)	2.559 inch
Depth	52.5 mm	Depth (inches)	2.067 inch
Net weight	64.28 g		

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	KrG	Colour	medium yellow
UL 94 flammability rating	V-0, 5VA		

System specifications

Version	Screw connection, Special terminal longitudinal isolator, with LED, for screwable cross-connection	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	4	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

Installation advice	Direct mounting	Open sides	right
Type of mounting	Snap-on		

Conductors for clamping (rated connection)

Blade size	4.0 x 0.8 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.5 mm ²	Clamping screw	M 3.5
Connection direction	on side	Gauge to IEC 60947-1	A5
Number of connections	2	Stripping length	12 mm
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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 with wire-end ferrules DIN 46228/4, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, finely stranded, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	10 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

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Rating data

Rated cross-section	6 mm ²	Rated voltage	30 V
Rated AC voltage	30 V AC	Rated DC voltage	15 V DC
Rated current	27 A	Current at maximum wires	27 A
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Power loss in accordance with IEC 60947-7-x	1.31 W
Pollution severity	3		

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
eClass 9.0	27-14-11-26	eClass 9.1	27-14-11-26
eClass 10.0	27-14-11-26	UNSPSC	30-21-18-11

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DE_PT1381_20160418_633_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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