

## SAKT 1/LT STB14/4

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

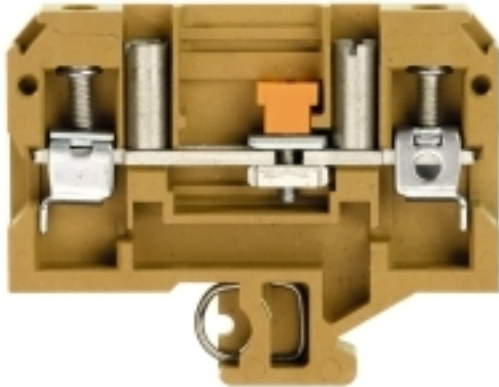
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### Product image



In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

### General ordering data

Version	SAK Series, Test-disconnect terminal, Rated cross-section: 6 mm <sup>2</sup> , Screw connection, medium yellow, Direct mounting
Order No.	<a href="#">0437920000</a>
Type	SAKT 1/LT STB14/4
GTIN (EAN)	4008190163549
Qty.	50 pc(s).
Delivery status	<b>This article will no longer be available in the future.</b>
Available until	2022-12-31
Alternative product	<a href="#">2710090000</a>

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## Technical data

## Dimensions and weights

Depth	52.5 mm	Depth (inches)	2.067 inch
Height	65 mm	Height (inches)	2.559 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	30.12 g		

## Temperatures

Storage temperature	-25 °C...55 °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 sockets, 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	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	4.0 x 0.8 mm	Clamping range, max.	10 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Clamping screw	M 3.5
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	A5
Number of connections	2	Stripping length	12 mm
Tightening torque, max.	1.6 Nm	Tightening torque, min.	0.8 Nm
Torque level with DMS electric screwdriver	3	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

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## Technical data

## Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	sliding		

## General

Installation advice	Direct mounting	Rail	TS 32
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 26		

## Rating data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	400 V
Rated current	41 A	Current at maximum wires	57 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.31 W
Pollution severity	3		

## Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ECLASS 9.0	27-14-11-26
ECLASS 9.1	27-14-11-26	ECLASS 10.0	27-14-11-26
ECLASS 11.0	27-14-11-26	ECLASS 12.0	27-14-11-26

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	999cd67e-471e-4085-8dba-1342fcea86de

## Approvals

Approvals



ROHS Conform

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">MARITREG 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="#">WSCAD</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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