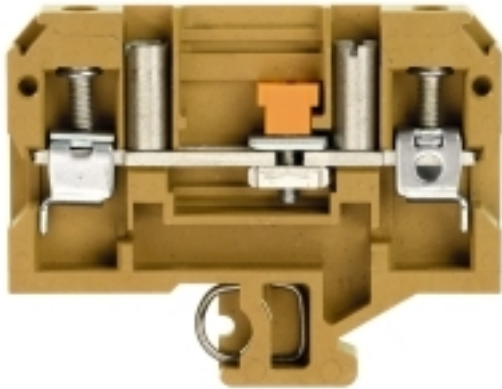


SAK Series
SAKT 1/LT STB14/4**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
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Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Special instruments are required for measuring electrical energy. One wrong connection during maintenance work is enough to ruin a current transformer! Disconnect test terminals represent a reliable way of solving this problem. As a leading supplier of line connectors, Weidmüller has developed special disconnect test terminals in close cooperation with users. These modular terminals ensure optimum realisation of all important circuits for the measurement of current, voltage and energy. Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be implemented.

General ordering data

Type	SAKT 1/LT STB14/4
Order No.	0437920000
Version	SAK Series, Test-disconnect terminal, Rated cross-section: 6 mm ² , Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190163549
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Length	65 mm	Width	8 mm
Height	52.5 mm	Height of lowest version	52.5 mm
Net weight	30.24 g		

Temperatures

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

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on	Version	Screw connection, Special terminal longitudinal isolator, with sockets, One end without connector

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm ²
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Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	12 mm
Blade size	4.0 x 0.8 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.13 mm ²
Clamping range, rated connection, max.	10 mm ²	Clamping screw	M 3.5
Tightening torque, min.	0.8 Nm	Tightening torque, max.	1.6 Nm
Torque level with DMS electric screwdriver	3	Gauge to IEC 60947-1	A5
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	10 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	10 mm ²
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	6 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 8

Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	sliding	Tightening torque, max.	1.6 Nm
Tightening torque, min.	0.8 Nm	Torque level with DMS electric screwdriver	3

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Technische Daten

Rated data

Rated cross-section	6 mm ²	Rated voltage	400 V
Rated impulse withstand voltage	6 kV	Rated current	41 A
Current at maximum wires	57 A	Standards	IEC 60947-7-1
Pollution severity	3		

Material data

Material	KrG	Colour	Medium Yellow
UL 94 flammability rating	V-0, 5VA		

System specifications

Product family	SAK Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 32
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000902	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-26	eClass 6.2	27-14-11-26
eClass 7.1	27-14-11-26		

Product information

Descriptive text technical data	10 mm ² stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.
Descriptive text accessories	To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

Approvals

Approvals



ROHS Conform