

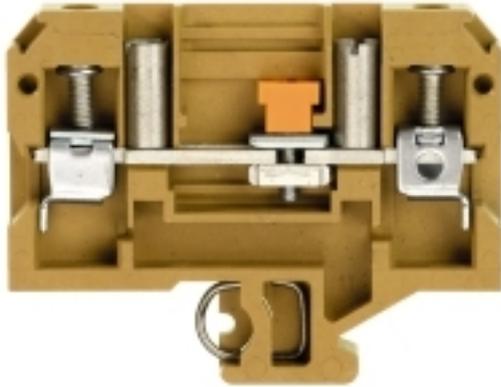
SAKT 1/LT STB14/4**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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	Test-disconnect terminal, Screw connection, 6 mm ² , 400 V, 41 A, sliding, Cross-disconnect: without, Integral test socket: Yes, TS 32, medium yellow
Order No.	0437920000
Type	SAKT 1/LT STB14/4
GTIN (EAN)	4008190163549
Qty.	50 pc(s).
Delivery status	Discontinued
Available until	2022-12-31
Alternative product	2710090000

Creation date April 26, 2024 4:46:18 AM CEST

SAKT 1/LT STB14/4

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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 ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 3.5
Connection cross-section, stranded, max.	10 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
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 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, 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, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

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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 ²	Rated voltage	400 V
Rated DC 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	ETIM 9.0	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	ECLASS 13.0	27-25-01-09

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	Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

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Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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SAKT 1/LT STB14/4

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Accessories

Shorting elements

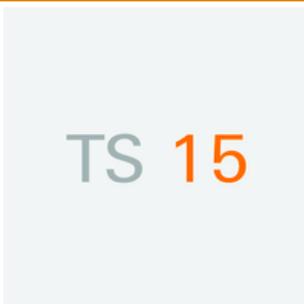


The short current bridges are inserted into two instrument transformer wiring terminal blocks. By using the short-circuit bridge, the desired short-circuit could be realized within the application for maintenance work.

General ordering data

Type	QVS 2 SAKT1+2	Version
Order No.	0307300000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190036140	Pitch in mm (P): 12.00, Insulated: Yes, 41 A, beige
Qty.	20 pc(s).	
Type	QVS 2/S SAKT1+2	Version
Order No.	0358460000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190157937	Pitch in mm (P): 12.00, Insulated: Yes, 41 A, beige
Qty.	20 pc(s).	
Type	QVS 3 SAKT1+2	Version
Order No.	0329300000	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190084714	Pitch in mm (P): 12.00, Insulated: Yes, 41 A, beige
Qty.	20 pc(s).	
Type	QS 2/8/4	Version
Order No.	0270960000	Cross-connector (terminal), Plugged, Number of poles: 2, Pitch in mm
GTIN (EAN)	4008190077006	(P): 8.00, Insulated: Yes, 44 A, beige
Qty.	20 pc(s).	

TS 15



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 15/2	Version
Order No.	1071900000	End bracket, Plastic, dark beige, Rail: TS 15, Direct mounting
GTIN (EAN)	4008190462949	
Qty.	50 pc(s).	
Type	EW 15	Version
Order No.	0382860000	End bracket, Polyamide 66, beige, Rail: TS 15, Direct mounting
GTIN (EAN)	4008190187804	
Qty.	50 pc(s).	

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Accessories

Type	ZEW 15	Version
Order No.	7920340000	End bracket, Plastic, beige, Rail: TS 15, Direct mounting
GTIN (EAN)	4032248238910	
Qty.	20 pc(s).	

Fixing screws



Fixing screws fix the short current bridge within the application. If the short current bridge is slid between two adjacent terminal blocks into the short circuit position, it can be fixed by means of a fastening screw. This ensures a permanent connection or short circuit.

General ordering data

Type	BS 25 IH/GR SAKT1	Version
Order No.	0335300000	Mounting screw (Terminal), Depth: 28.7 mm
GTIN (EAN)	4008190136864	
Qty.	50 pc(s).	
Type	BS 25 IH/GE SAKT1	Version
Order No.	0335700000	Mounting screw (Terminal), Depth: 28.7 mm
GTIN (EAN)	4008190189235	
Qty.	50 pc(s).	
Type	BS 25 IH/SW SAKT1	Version
Order No.	0335200000	Mounting screw (Terminal), Depth: 28.7 mm
GTIN (EAN)	4008190114039	
Qty.	50 pc(s).	
Type	BS 25 IH/RT SAKT1	Version
Order No.	0335500000	Mounting screw (Terminal), Depth: 28.7 mm
GTIN (EAN)	4008190118877	
Qty.	50 pc(s).	
Type	KISC M3X20 SAK10 CU5	Version
Order No.	0377100000	SAK Series, Mounting screw, Copper
GTIN (EAN)	4008190060350	
Qty.	100 pc(s).	

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Accessories

SAK-Series



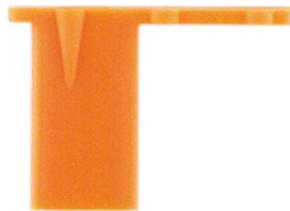
SAK Series

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	TW SAKB/C/T1	Version
Order No.	0242960000	Partition plate (terminal), Intermediate plate, 75 mm x 42.5 mm, beige
GTIN (EAN)	4008190104092	
Qty.	20 pc(s).	
Type	AP SAKB/C/T KRG	Version
Order No.	0146720000	End plate (terminals), 65 mm x 3 mm, dark beige, yellow
GTIN (EAN)	4008190027995	
Qty.	20 pc(s).	

Switch lock



The switch lock can be easily inserted into the terminal from above. The switch lock prevents unauthorised opening or closing of circuits as it blocks the disconnect lever in its respective position.

General ordering data

Type	SSP 3 SAKT 1	Version
Order No.	0531760000	Lockout device (terminal), orange
GTIN (EAN)	4008190130787	
Qty.	100 pc(s).	

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Accessories

Custom printing



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

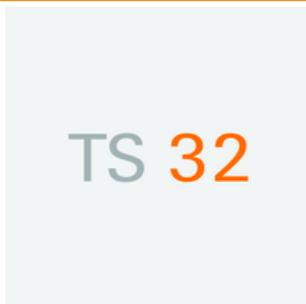
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/6.5 MC SDR	Version	
Order No.	1609850000		Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190456610		Weidmueller, To customer specification
Qty.	180 pc(s).		

TS 32



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General ordering data

Type	WEW 32/1	Version	
Order No.	1067600000		End bracket, PA 66 GF 30, dark beige, Rail: TS 32, when screwed in
GTIN (EAN)	4008190099657		
Qty.	50 pc(s).		
Type	EWK 1	Version	
Order No.	0206160000		End bracket, Wemid, beige, Rail: TS 32, when screwed in
GTIN (EAN)	4008190080020		
Qty.	50 pc(s).		
Type	EWK 2	Version	
Order No.	0199360000		End bracket, Wemid, beige, Rail: TS 32, when screwed in
GTIN (EAN)	4008190023546		
Qty.	50 pc(s).		

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Accessories

Type	EWK 1 ALT	Version
Order No.	0495160000	End bracket, Polyamide 66, beige, Rail: TS 32, when screwed in
GTIN (EAN)	4008190160777	
Qty.	50 pc(s).	

Test plugs



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	PS 4 F.STB 4	Version
Order No.	0299600000	Test adapter (terminal)
GTIN (EAN)	4008190074043	
Qty.	20 pc(s).	

QL / SAK 6N



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

Type	QL 3 SAK6N	Version
Order No.	0194400000	Cross-connector (terminal), when screwed in, Number of poles: 3, Pitch in mm (P): 7.90, Insulated: No, 41 A, grey
GTIN (EAN)	4008190063351	
Qty.	50 pc(s).	
Type	QL 2 SAK6N	Version
Order No.	0194300000	Cross-connector (terminal), when screwed in, Number of poles: 2, Pitch in mm (P): 7.90, Insulated: No, 41 A, grey
GTIN (EAN)	4008190182854	
Qty.	50 pc(s).	
Type	QL 15 SAK6N	Version
Order No.	0221200000	Cross-connector (terminal), when screwed in, Number of poles: 15, Pitch in mm (P): 7.90, Insulated: No, 32 A, grey
GTIN (EAN)	4008190042110	
Qty.	10 pc(s).	
Type	QL 4 SAK6N	Version
Order No.	0194500000	Cross-connector (terminal), when screwed in, Number of poles: 4, Pitch in mm (P): 7.90, Insulated: No, 57 A, grey
GTIN (EAN)	4008190025601	
Qty.	50 pc(s).	

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Accessories

Type	QL 10 SAK6N	Version
Order No.	0338300000	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4008190176679	Pitch in mm (P): 7.90, Insulated: No, 41 A, grey
Qty.	20 pc(s).	

SAK-Series



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General ordering data

Type	EW 35 GR 7032	Version
Order No.	0383530000	End bracket, Wemid, grey, Rail: TS 35, when screwed in
GTIN (EAN)	4008190027322	
Qty.	50 pc(s).	
Type	EW 35	Version
Order No.	0383560000	End bracket, Wemid, beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	
Type	EW 35/SCHA/M3	Version
Order No.	0258660000	End bracket, Wemid, beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190033477	
Qty.	20 pc(s).	

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Accessories

Blank



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Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/6.5 MC NE WS	Version	
Order No.	1609840000		Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203429		Weidmueller, white
Qty.	900 pc(s).		

End plate



Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	TW SAKB/C/T	Version	
Order No.	0242920000		Partition plate (terminal), Intermediate plate, 75 mm x 42.5 mm, beige
GTIN (EAN)	4008190069933		
Qty.	20 pc(s).		

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Accessories

SchT group marker carrier



The SchT 5 S group tag carriers are clipped directly onto the TS 32 mounting rail (G-rail) or the TS 35 mounting rail (top-hat rail). It is therefore possible to label the terminal strip irrespective of the terminal and the type of terminal. SchT 5 and SchT 5 S are fitted with ESO 5, STR 5 protective strips.

The SchT 7 is a hinged group tag carrier for inlay tags which enables easy access to the clamping screw. The SchT 7 is fitted with ESO 7, STR 7 protective strips or DEK 5.

Inlay tags and protective strips can be found under "Accessories".

General ordering data

Type	Version
SCHT 7	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00
Order No. 0517960000	Weidmueller, white
GTIN (EAN) 4008190001742	
Qty. 20 pc(s).	

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	Version
BZT 1 WS 10/5	Accessories, Marker holder
Order No. 1805490000	
GTIN (EAN) 4032248270231	
Qty. 100 pc(s).	
BZT 1 ZA WS 10/5	Accessories, Marker holder
Order No. 1805520000	
GTIN (EAN) 4032248270248	
Qty. 100 pc(s).	

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Accessories

Connection sleeves



General ordering data

Type	VH 12/4.9/3.3	Version
Order No.	024900000	Connecting sleeve (terminal), Height: 4.9 mm, Width: 4.9 mm, Depth:
GTIN (EAN)	4008190129507	12 mm, Copper
Qty.	100 pc(s).	
Type	VH 19/6.3/4.3	Version
Order No.	031800000	Connecting sleeve (terminal), Height: 6 mm, Width: 6 mm, Depth: 19
GTIN (EAN)	4008190059460	mm, Cu Zn
Qty.	50 pc(s).	

W-Series



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General ordering data

Type	WEW 35/2	Version
Order No.	106120000	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	
Type	WEW 35/1	Version
Order No.	105900000	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190172282	
Qty.	50 pc(s).	

Data sheet

SAKT 1/LT STB14/4

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Accessories

Z-Series



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General ordering data

Type	ZEW 35/2	Version
Order No.	8630740000	End bracket, Wemid, dark beige, Rail: TS 35, Snap-on
GTIN (EAN)	4032248348916	
Qty.	20 pc(s).	
Type	ZEW 35	Version
Order No.	9540000000	End bracket, Wemid, dark beige, Rail: TS 35, Snap-on
GTIN (EAN)	4008190956264	
Qty.	20 pc(s).	