

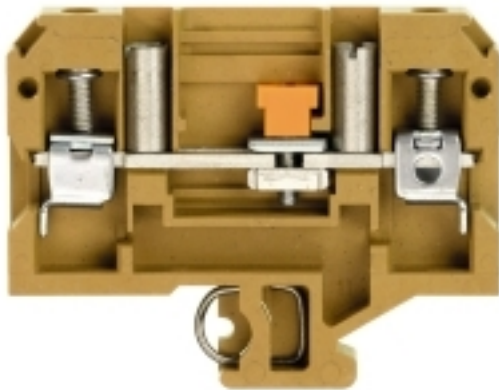
**SAKT 1/LT STB14/4****Weidmüller Interface GmbH & Co. KG**

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, 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).

Creation date January 15, 2022 4:47:16 AM CET

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

## 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		

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## 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		

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## Technical data

## 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>

## 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		

## Approvals

Approvals



ROHS

Conform

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**Technical data****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="#">EPLAN, WSCAD</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

## SAKT 1/LT STB14/4

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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	AP SAKB/C/T KRG	Version
Order No.	<a href="#">0146720000</a>	SAK Series, End plate, 3 mm, dark beige, yellow, Direct mounting
GTIN (EAN)	4008190027995	
Qty.	20 pc(s).	
Type	TW SAKB/C/T1	Version
Order No.	<a href="#">0242960000</a>	SAK Series, Partition plate, 1.5 mm, beige, Direct mounting
GTIN (EAN)	4008190104092	
Qty.	20 pc(s).	

## TS 32



TS 32

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	EWK 1	Version
Order No.	<a href="#">0206160000</a>	Accessories, End bracket
GTIN (EAN)	4008190080020	
Qty.	50 pc(s).	
Type	WEW 32/1	Version
Order No.	<a href="#">1067600000</a>	W-Series, End bracket
GTIN (EAN)	4008190099657	
Qty.	50 pc(s).	
Type	EWK 1 ALT	Version
Order No.	<a href="#">0495160000</a>	Accessories, End bracket
GTIN (EAN)	4008190160777	
Qty.	50 pc(s).	
Type	EWK 2	Version
Order No.	<a href="#">0199360000</a>	Accessories, End bracket
GTIN (EAN)	4008190023546	
Qty.	50 pc(s).	

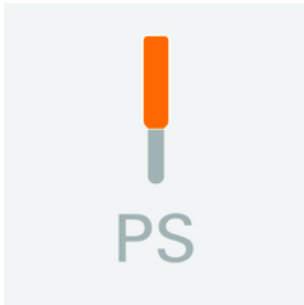
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## Accessories

## 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.	<a href="#">029960000</a>	Accessories, Test plug
GTIN (EAN)	4008190074043	
Qty.	20 pc(s).	

## Shorting elements



## 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	QVS 2/S SAKT1+2	Version
Order No.	<a href="#">0358460000</a>	SAK Series, Cross-connector, Cross-connector, Number of poles: 2
GTIN (EAN)	4008190157937	
Qty.	20 pc(s).	
Type	QS 2/8/4	Version
Order No.	<a href="#">0270960000</a>	SAK Series, Short-circuit plug, For the terminals, Number of poles: 2
GTIN (EAN)	4008190077006	
Qty.	20 pc(s).	
Type	QVS 3 SAKT1+2	Version
Order No.	<a href="#">0329300000</a>	SAK Series, Cross-connector, Cross-connector, Number of poles: 3
GTIN (EAN)	4008190084714	
Qty.	20 pc(s).	
Type	QVS 2 SAKT1+2	Version
Order No.	<a href="#">0307300000</a>	SAK Series, Cross-connector, Cross-connector, Number of poles: 2
GTIN (EAN)	4008190036140	
Qty.	20 pc(s).	

## SAKT 1/LT STB14/4

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## Accessories

## Fixing screws

**Current and voltage transformer wiring**

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## General ordering data

Type	BS 25 IH/RT SAKT1	Version
Order No.	<a href="#">0335500000</a>	SAK Series, Set of fixings
GTIN (EAN)	4008190118877	
Qty.	50 pc(s).	
Type	BS 25 IH/GR SAKT1	Version
Order No.	<a href="#">0335300000</a>	SAK Series, Set of fixings
GTIN (EAN)	4008190136864	
Qty.	50 pc(s).	
Type	BS 25 IH/GE SAKT1	Version
Order No.	<a href="#">0335700000</a>	SAK Series, Set of fixings
GTIN (EAN)	4008190189235	
Qty.	50 pc(s).	
Type	BS 25 IH/SW SAKT1	Version
Order No.	<a href="#">0335200000</a>	SAK Series, Set of fixings
GTIN (EAN)	4008190114039	
Qty.	50 pc(s).	
Type	KISC M3X20 SAK 10 CU5	Version
Order No.	<a href="#">0377100000</a>	SAK Series, Mounting screw, Steel
GTIN (EAN)	4008190060350	
Qty.	100 pc(s).	

## SAKT 1/LT STB14/4

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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. <a href="#">0517960000</a>	Weidmueller, white
GTIN (EAN) 4008190001742	
Qty. 20 pc(s).	

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



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## Accessories

## QL / SAK 6N

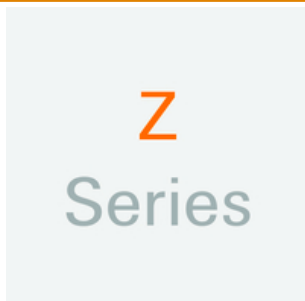


Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

## General ordering data

Type	QL 15 SAK6N	Version
Order No.	<a href="#">0221200000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190042110	poles: 15
Qty.	10 pc(s).	
Type	QL 3 SAK6N	Version
Order No.	<a href="#">0194400000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190063351	poles: 3
Qty.	50 pc(s).	
Type	QL 10 SAK6N	Version
Order No.	<a href="#">0338300000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190176679	poles: 10
Qty.	20 pc(s).	
Type	QL 4 SAK6N	Version
Order No.	<a href="#">0194500000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190025601	poles: 4
Qty.	50 pc(s).	
Type	QL 2 SAK6N	Version
Order No.	<a href="#">0194300000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190182854	poles: 2
Qty.	50 pc(s).	

## Z-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	ZEW 35/2	Version
Order No.	<a href="#">8630740000</a>	Z-series, End bracket
GTIN (EAN)	4032248348916	
Qty.	20 pc(s).	

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## Accessories

Type	ZEW 35	Version	
Order No.	<a href="#">9540000000</a>	Version	Z-series, End bracket
GTIN (EAN)	4008190956264		
Qty.	20 pc(s).		

## Connection sleeves



## General ordering data

Type	VH 12/4.9/3.3 SAK6N	Version	
Order No.	<a href="#">0249000000</a>	Version	SAK Series, Connecting sleeve, for cross-connection link, Number of poles:
GTIN (EAN)	4008190129507		
Qty.	100 pc(s).		

Type	VH 19/6/4.2 SAKT1	Version	
Order No.	<a href="#">0318000000</a>	Version	SAK Series, Connecting sleeve, for cross-connection link, Number of poles: 1
GTIN (EAN)	4008190059460		
Qty.	50 pc(s).		

## Switch lock



## 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	SSP 3 SAKT1	Version	
Order No.	<a href="#">0531760000</a>	Version	SAK Series, Lockout device
GTIN (EAN)	4008190130787		
Qty.	100 pc(s).		

## SAKT 1/LT STB14/4

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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.	<a href="#">1609840000</a>	Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203429	Weidmueller, white
Qty.	900 pc(s).	

## W-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	WEW 35/1	Version
Order No.	<a href="#">1059000000</a>	W-Series, End bracket
GTIN (EAN)	4008190172282	
Qty.	50 pc(s).	
Type	WEW 35/2	Version
Order No.	<a href="#">1061200000</a>	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	

## SAKT 1/LT STB14/4

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## Accessories

## SAK-Series



SAK  
Series

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## General ordering data

Type	EW 35	Version
Order No.	<a href="#">0383560000</a>	Accessories, End bracket
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	
Type	EW 35 GR 7032	Version
Order No.	<a href="#">0383530000</a>	Accessories, End bracket
GTIN (EAN)	4008190027322	
Qty.	50 pc(s).	
Type	EW 35/SCHA/M3	Version
Order No.	<a href="#">0258660000</a>	Accessories, End bracket
GTIN (EAN)	4008190033477	
Qty.	20 pc(s).	

## TS 15



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	Version
Order No.	<a href="#">0382860000</a>	Accessories, End bracket
GTIN (EAN)	4008190187804	
Qty.	50 pc(s).	
Type	EW 15/2	Version
Order No.	<a href="#">1071900000</a>	Accessories, End bracket
GTIN (EAN)	4008190462949	
Qty.	50 pc(s).	
Type	ZEW 15	Version
Order No.	<a href="#">7920340000</a>	Accessories, End bracket
GTIN (EAN)	4032248238910	
Qty.	20 pc(s).	

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