

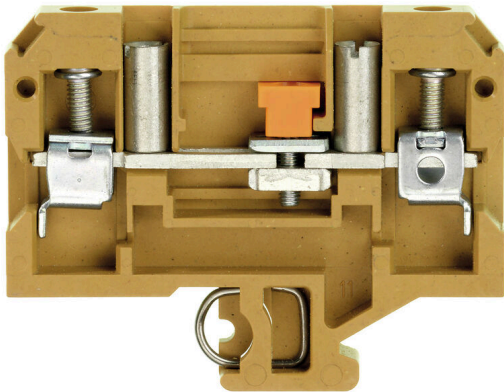
SAKT 1/LT STB14/4**Weidmüller Interface GmbH & Co. KG**

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, medium yellow, 6 mm ² , 41 A, 400 V, Number of connections: 2, Number of levels: 1
Order No.	0437920000
Type	SAKT 1/LT STB14/4
GTIN (EAN)	4008190163549
Qty.	50 items
Delivery status	Discontinued
Available until	2022-12-31T00:00:00+01:00
Alternative product	WTTB 6

SAKT 1/LT STB14/4

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	52.5 mm	Depth (inches)	2.0669 inch
Height	65 mm	Height (inches)	2.5591 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	30.12 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

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

Material data

Basic 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
Mounting rail	TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	right	Number of similar terminals	1
Installation advice	Direct mounting	Explosion-tested version	No
Type of mounting	Snap-on		

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A5	Wire connection cross section AWG, max.	AWG 8
Connection direction	on side	Tightening torque, max.	1.6 Nm
Tightening torque, min.	0.8 Nm	Stripping length	12 mm
Type of connection	Screw connection	Number of connections	2

SAKT 1/LT STB14/4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Clamping range, max.	10 mm ²	Clamping range, min.	0.13 mm ²
Clamping screw	M 3.5	Blade size	4.0 x 0.8 mm
Wire connection cross section AWG, min.	AWG 26	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, max.	6 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Connection cross-section, stranded, max.	10 mm ²
Connection cross-section, stranded, min.	1.5 mm ²	Torque level with DMS electric screwdriver	3
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

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

Rating data

Rated cross-section	6 mm ²	Rated voltage	400 V
Rated DC voltage	400 V	Nominal 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 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		

SAKT 1/LT STB14/4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Disconnect plugs



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

General ordering data

Type	QL 2 SAK6N	Version	
Order No.	0194300000	Cross-connector (terminal), when screwed in, grey, 41 A, Number of poles: 2, Pitch in mm (P): 7.90, Insulated: No, Width: 13.9 mm	
GTIN (EAN)	4008190182854		
Qty.	50 ST		

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	QL 3 SAK6N	Version	
Order No.	0194400000	Cross-connector (terminal), when screwed in, grey, 41 A, Number of poles: 3, Pitch in mm (P): 7.90, Insulated: No, Width: 21.8 mm	
GTIN (EAN)	4008190063351		
Qty.	50 ST		
Type	QL 4 SAK6N	Version	
Order No.	0194500000	Cross-connector (terminal), when screwed in, grey, 57 A, Number of poles: 4, Pitch in mm (P): 7.90, Insulated: No, Width: 29.7 mm	
GTIN (EAN)	4008190025601		
Qty.	50 ST		

Disconnect plugs



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

SAKT 1/LT STB14/4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

General ordering data

Type	QL 10 SAK6N	Version
Order No.	0338300000	Cross-connector (terminal), when screwed in, grey, 41 A, Number of poles: 10, Pitch in mm (P): 7.90, Insulated: No, Width: 77.1 mm
GTIN (EAN)	4008190176679	
Qty.	20 ST	
Type	QL 15 SAK6N	Version
Order No.	0221200000	Cross-connector (terminal), when screwed in, grey, 32 A, Number of poles: 15, Pitch in mm (P): 7.90, Insulated: No, Width: 116.6 mm
GTIN (EAN)	4008190042110	
Qty.	10 ST	

End plates and partition plates

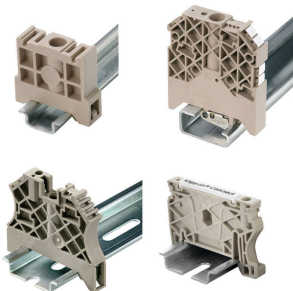


Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

Type	AP SAKB/C/T KRГ	Version
Order No.	0146720000	End plate for terminals, dark beige, yellow, Height: 65 mm, Width: 3 mm, V-O, KrG, Snap-on: Yes
GTIN (EAN)	4008190027995	
Qty.	20 ST	
Type	TW SAKB/C/T	Version
Order No.	0242920000	Partition plate (terminal), beige, Height: 75 mm, Width: 3 mm, V-2, KrG
GTIN (EAN)	4008190069933	
Qty.	20 ST	
Type	TW SAKB/C/T1	Version
Order No.	0242960000	Partition plate (terminal), beige, Height: 75 mm, Width: 1.5 mm, V-2, KrG
GTIN (EAN)	4008190104092	
Qty.	20 ST	

End bracket



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.	0382860000	End bracket, beige, TS 15, V-2, Polyamide 66, Width: 10 mm, 100 °C
GTIN (EAN)	4008190187804	
Qty.	50 ST	

SAKT 1/LT STB14/4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Type	EW 15/2	Version
Order No.	1071900000	End bracket, dark beige, TS 15, HB, Plastic, Width: 8 mm, 100 °C
GTIN (EAN)	4008190462949	
Qty.	50 ST	
Type	EW 35	Version
Order No.	0383560000	End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C
GTIN (EAN)	4008190181314	
Qty.	50 ST	
Type	EW 35 GR 7032	Version
Order No.	0383530000	End bracket, grey, TS 35, V-0, Wemid, Width: 9 mm, 120 °C
GTIN (EAN)	4008190027322	
Qty.	50 ST	
Type	EW 35/SCHA/M3	Version
Order No.	0258660000	End bracket, beige, TS 35, V-2, Wemid, Width: 16.5 mm, 100 °C
GTIN (EAN)	4008190033477	
Qty.	20 ST	
Type	EWK 1	Version
Order No.	0206160000	End bracket, beige, TS 32, V-0, Wemid, Width: 9 mm, 100 °C
GTIN (EAN)	4008190080020	
Qty.	50 ST	
Type	EWK 1 ALT	Version
Order No.	0495160000	End bracket, beige, TS 32, V-2, Polyamide 66, Width: 8 mm, 100 °C
GTIN (EAN)	4008190160777	
Qty.	50 ST	
Type	EWK 2	Version
Order No.	0199360000	End bracket, beige, TS 32, V-0, Wemid, Width: 15 mm, 100 °C
GTIN (EAN)	4008190023546	
Qty.	50 ST	
Type	WEW 32/1	Version
Order No.	1067600000	End bracket, dark beige, TS 32, V-2, PA 66 GF 30, Width: 12 mm, 100 °C
GTIN (EAN)	4008190099657	
Qty.	50 ST	
Type	WEW 35/1	Version
Order No.	1059000000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 12 mm, 100 °C
GTIN (EAN)	4008190172282	
Qty.	50 ST	
Type	WEW 35/2	Version
Order No.	1061200000	End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4008190030230	
Qty.	50 ST	
Type	ZEW 15	Version
Order No.	7920340000	End bracket, beige, TS 15, V-2, Plastic, Width: 5 mm, 120 °C
GTIN (EAN)	4032248238910	
Qty.	20 ST	
Type	ZEW 35	Version
Order No.	9540000000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 6 mm, 100 °C
GTIN (EAN)	4008190956264	
Qty.	20 ST	
Type	ZEW 35/2	Version
Order No.	8630740000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4032248348916	
Qty.	20 ST	

SAKT 1/LT STB14/4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Accessorie



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 SAKT1+2	Version	
Order No.	0307300000	Cross-connector (terminal), when screwed in, beige, 41 A, Number of poles: 2, Pitch in mm (P): 12.00, Insulated: Yes, Width: 15.4 mm	
GTIN (EAN)	4008190036140		
Qty.	20 ST		
Type	QVS 2/S SAKT1+2	Version	
Order No.	0358460000	Cross-connector (terminal), when screwed in, beige, 41 A, Number of poles: 2, Pitch in mm (P): 12.00, Insulated: Yes, Width: 15.4 mm	
GTIN (EAN)	4008190157937		
Qty.	20 ST		

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	QVS 3 SAKT1+2	Version	
Order No.	0329300000	Cross-connector (terminal), when screwed in, beige, 41 A, Number of poles: 3, Pitch in mm (P): 12.00, Insulated: Yes, Width: 22 mm	
GTIN (EAN)	4008190084714		
Qty.	20 ST		

Accessorie



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.

SAKT 1/LT STB14/4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

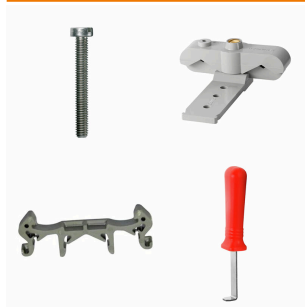
www.weidmueller.com

Accessories

General ordering data

Type	BS 25 IH/SW SAKT1	Version
Order No.	0335200000	Mounting screw (Terminal), 3.00 mm, Steel, Brass, Depth: 28.7 mm,
GTIN (EAN)	4008190114039	Width: 5.5 mm, Height: 5.5 mm
Qty.	50 ST	
Type	BS 25 IH/GR SAKT1	Version
Order No.	0335300000	Mounting screw (Terminal), 3.00 mm, Steel, Brass, Depth: 28.7 mm,
GTIN (EAN)	4008190136864	Width: 5.5 mm, Height: 5.5 mm
Qty.	50 ST	
Type	BS 25 IH/RT SAKT1	Version
Order No.	0335500000	Mounting screw (Terminal), 3.00 mm, Steel, Brass, Depth: 28.7 mm,
GTIN (EAN)	4008190118877	Width: 5.5 mm, Height: 5.5 mm
Qty.	50 ST	

Mounting support



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

General ordering data

Type	BS 25 IH/GE SAKT1	Version
Order No.	0335700000	Mounting screw (Terminal), 3.00 mm, Steel, Brass, Depth: 28.7 mm,
GTIN (EAN)	4008190189235	Width: 5.5 mm, Height: 5.5 mm
Qty.	50 ST	

Accessorie



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	KISC M3X20 SAK10 CU5	Version
Order No.	0377100000	SAK Series, Mounting screw, Copper
GTIN (EAN)	4008190060350	
Qty.	100 ST	

SAKT 1/LT STB14/4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Testadapter and testsockets



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), 230 V	
GTIN (EAN)	4008190074043		
Qty.	20 ST		

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	VH 12/4.9/3.3	Version	
Order No.	0249000000	Connecting sleeve (terminal), when screwed in, Width: 4.9 mm, Height: 4.9 mm, Depth: 12 mm, Number of poles: 1, Copper	
GTIN (EAN)	4008190129507		
Qty.	100 ST		
Type	VH 19/6.3/4.3	Version	
Order No.	0318000000	Connecting sleeve (terminal), when screwed in, Width: 6 mm, Height: 6 mm, Depth: 19 mm, Number of poles: 1, Cu Zn	
GTIN (EAN)	4008190059460		
Qty.	50 ST		

Accessorie



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.

SAKT 1/LT STB14/4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

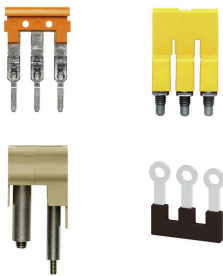
www.weidmueller.com

Accessories

General ordering data

Type	SSP 3 SAKT1	Version	
Order No.	0531760000	Lockout device (terminal), orange	
GTIN (EAN)	4008190130787		
Qty.	100 ST		

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	QS 2/8/4	Version	
Order No.	0270960000	Cross-connector (terminal), Plugged, beige, 44 A, Number of poles: 2,	
GTIN (EAN)	4008190077006	Pitch in mm (P): 8.00, Insulated: Yes, Width: 12 mm	
Qty.	20 ST		

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 ST		

SAKT 1/LT STB14/4

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Blank



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.

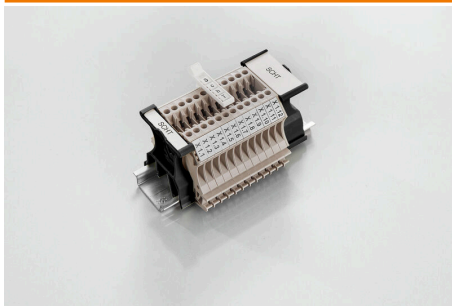
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- 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 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 ST		

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

SAKT 1/LT STB14/4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

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