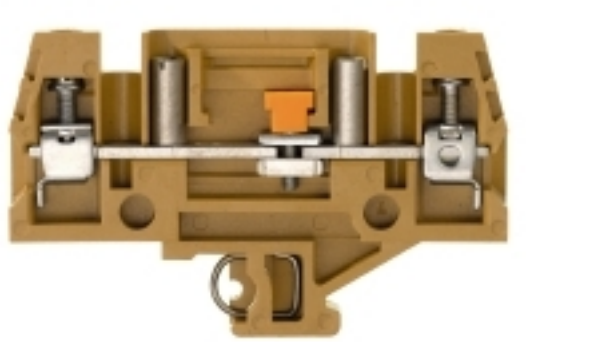
SAKT 2/LT STB

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 mm², 41 A, 125 V, Number of connections: 2, Number of levels: 1, TS 32, V-0, 5VA, KrG
Order No.	0330620000
Type	SAKT 2/LT STB
GTIN (EAN)	4008190048433
Qty.	50 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2022-12-31
Alternative product	2710090000

Creation date October 4, 2024 4:59:05 AM CEST

SAKT 2/LT STB

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

www.weidmueller.com

Technical data

Dimensions and weights

Depth	52.5 mm	Depth (inches)	2.067 inch
Height	82 mm	Height (inches)	3.228 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	33.8 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, for screwable cross-connection, 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		

CSA rating data

Certificate No. (CSA)	12400-198	Current size C (CSA)	25 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	26 AWG		

SAKT 2/LT STB

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

www.weidmueller.com

Technical data

Conductors for clamping (rated connection)

Blade size	4.0 x 0.8 mm	Clamping range, max.	10 mm²
Clamping range, min.	0.5 mm²	Clamping screw	M 3.5
Connection cross-section, stranded, max.	10 mm²	Connection cross-section, stranded, min.	1.5 mm²
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.	1.2 Nm
Torque level with DMS electric screw-driver	3	Type of connection	Screw connection
Wire connection cross section, finely stranded, max.	6 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, solid core, max.	10 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	sliding		

General

Installation advice	Direct mounting	Rail	TS 32
Standards	IEC 60947-7-1		

Rating data

Rated cross-section	6 mm²	Rated voltage	125 V
Rated DC voltage	125 V	Rated current	41 A
Current at maximum wires	46 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

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	25 A
Voltage size C (UR)	300 V		

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
ECLASS 14.0	27-25-01-09		

SAKT 2/LT STB

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

www.weidmueller.com

Technical data

Environmental Product Compliance

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

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

SAKT 2/LT STB

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

www.weidmueller.com

Accessories

Fixing screws

Fixing screws fix the short current bridge within the application. If the short current bridge is slided 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/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 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	
Type	KISC M3X20 SAK10 CU5	Version
Order No.	0377100000	SAK Series, Mounting screw, Copper
GTIN (EAN)	4008190060350	
Qty.	100 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), beige, Height: 75 mm, Width: 3 mm, V-2, PA
GTIN (EAN)	4008190069933	66
Qty.	20 pc(s).	

SAKT 2/LT STB

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

www.weidmueller.com

Accessories

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 SAKT1	Version
Order No.	0531760000	Lockout device (terminal), orange
GTIN (EAN)	4008190130787	
Qty.	100 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 snaped 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 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	
Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

SAKT 2/LT STB

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

www.weidmueller.com

Accessories

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.	8630740000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4032248348916	
Qty.	20 pc(s).	
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 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), 230 V
GTIN (EAN)	4008190074043	
Qty.	20 pc(s).	

SAKT 2/LT STB

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

www.weidmueller.com

Accessories

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), beige, Height: 75 mm, Width: 1.5 mm, V-2,
GTIN (EAN)	4008190104092	PA 66
Qty.	20 pc(s).	
Type	AP SAKB/C/T KRG	Version
Order No.	0146720000	End plate (terminals), dark beige, yellow, Height: 65 mm, Width: 3
GTIN (EAN)	4008190027995	mm, V-0, KrG
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	Version
Order No.	0382860000	End bracket, beige, TS 15, V-2, Polyamide 66, Width: 10 mm, 100 °C
GTIN (EAN)	4008190187804	
Qty.	50 pc(s).	
Type	EW 15/2	Version
Order No.	1071900000	End bracket, dark beige, TS 15, V-0, Plastic, Width: 8 mm, 100 °C
GTIN (EAN)	4008190462949	
Qty.	50 pc(s).	
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 pc(s).	

SAKT 2/LT STB

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

www.weidmueller.com

Accessories

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.	0206160000	End bracket, beige, TS 32, V-0, Wemid, Width: 9 mm, 100 °C
GTIN (EAN)	4008190080020	
Qty.	50 pc(s).	
Type	WEW 32/1	Version
Order No.	1067600000	End bracket, dark beige, TS 32, V-2, PA 66 GF 30, Width: 12 mm, 100
GTIN (EAN)	4008190099657	°C
Qty.	50 pc(s).	
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 pc(s).	
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 pc(s).	

SAKT 2/LT STB

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 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	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).	

SAKT 2/LT STB

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

www.weidmueller.com

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	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 pc(s).	
Type	QVS 2 SAKT1+2	Version
Order No.	0307300000	Cross-connector (terminal), when screwed in, beige, 41 A, Number of
GTIN (EAN)	4008190036140	poles: 2, Pitch in mm (P): 12.00, Insulated: Yes, Width: 15.4 mm
Qty.	20 pc(s).	
Type	QVS 2/S SAKT1+2	Version
Order No.	0358460000	Cross-connector (terminal), when screwed in, beige, 41 A, Number of
GTIN (EAN)	4008190157937	poles: 2, Pitch in mm (P): 12.00, Insulated: Yes, Width: 15.4 mm
Qty.	20 pc(s).	
Type	QVS 3 SAKT1+2	Version
Order No.	0329300000	Cross-connector (terminal), when screwed in, beige, 41 A, Number of
GTIN (EAN)	4008190084714	poles: 3, Pitch in mm (P): 12.00, Insulated: Yes, Width: 22 mm
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 2 SAK6N	Version
Order No.	0194300000	Cross-connector (terminal), when screwed in, grey, 41 A, Number of
GTIN (EAN)	4008190182854	poles: 2, Pitch in mm (P): 7.90, Insulated: No, Width: 13.9 mm
Qty.	50 pc(s).	
Type	QL 3 SAK6N	Version
Order No.	0194400000	Cross-connector (terminal), when screwed in, grey, 41 A, Number of
GTIN (EAN)	4008190063351	poles: 3, Pitch in mm (P): 7.90, Insulated: No, Width: 21.8 mm
Qty.	50 pc(s).	

SAKT 2/LT STB

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

www.weidmueller.com

Accessories

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 pc(s).	
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 pc(s).	
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 pc(s).	

SAK-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	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 pc(s).	
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 pc(s).	
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 pc(s).	

SAKT 2/LT STB

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

www.weidmueller.com

Accessories

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.	1059000000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 12 mm, 100 °C
GTIN (EAN)	4008190172282	
Qty.	50 pc(s).	
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 pc(s).	

Connection sleeves

General ordering data

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