

**SAKT 1/35/LT****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	SAK Series, Test-disconnect terminal, Rated cross-section: 6 mm <sup>2</sup> , Screw connection, medium yellow, Direct mounting
Order No.	<a href="#">0105420000</a>
Type	SAKT 1/35/LT
GTIN (EAN)	4008190014056
Qty.	50 pc(s).
Delivery status	<b>This article will no longer be available in the future.</b>
Available until	2022-12-31
Alternative product	<a href="#">2710090000</a>

Creation date October 11, 2023 8:32:29 AM CEST

## SAKT 1/35/LT

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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	26.7 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 35	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		

## Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm <sup>2</sup>
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## 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
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	No
Slitting	sliding		

## General

Installation advice	Direct mounting	Rail	TS 35
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 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

## 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	27250109

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3

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**Technical data****Approvals**

Approvals



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

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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# 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.

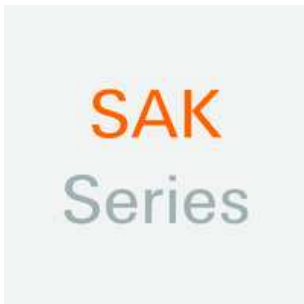
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**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.	<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).	

## 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.	<a href="#">0242960000</a>	SAK Series, Partition plate, 1.5 mm, beige, Direct mounting
GTIN (EAN)	4008190104092	
Qty.	20 pc(s).	
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).	

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**Accessories**

**SAK-Series**



A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

**General ordering data**

Type	TW AST1/PA HP/DBR/0.5	Version
Order No.	<a href="#">0474700000</a>	SAK Series, Partition plate, 0.5 mm, dark brown
GTIN (EAN)	4008190078508	
Qty.	20 pc(s).	
Type	TSCH 2	Version
Order No.	<a href="#">0353660000</a>	SAK Series, Small partition, beige, 0.6 mm
GTIN (EAN)	4008190128432	
Qty.	100 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.	<a href="#">0531760000</a>	SAK Series, Lockout device
GTIN (EAN)	4008190130787	
Qty.	100 pc(s).	

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# Accessories

## 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	KISC M3X20 SAK10 CU5	Version
Order No.	<a href="#">0377100000</a>	SAK Series, Mounting screw, Steel
GTIN (EAN)	4008190060350	
Qty.	100 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 4 SAK6N	Version
Order No.	<a href="#">0194500000</a>	SAK Series, Cross-connector, Cross-connector, Number of poles: 4
GTIN (EAN)	4008190025601	
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 poles: 10
GTIN (EAN)	4008190176679	
Qty.	20 pc(s).	
Type	QL 15 SAK6N	Version
Order No.	<a href="#">0221200000</a>	SAK Series, Cross-connector, Cross-connector, Number of poles: 15
GTIN (EAN)	4008190042110	
Qty.	10 pc(s).	
Type	QL 2 SAK6N	Version
Order No.	<a href="#">0194300000</a>	SAK Series, Cross-connector, for cross-connection link, Number of poles: 2
GTIN (EAN)	4008190182854	
Qty.	50 pc(s).	
Type	QL 3 SAK6N	Version
Order No.	<a href="#">0194400000</a>	SAK Series, Cross-connector, for cross-connection link, Number of poles: 3
GTIN (EAN)	4008190063351	
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="#">0299600000</a>	Accessories, Test plug
GTIN (EAN)	4008190074043	
Qty.	20 pc(s).	

**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.	<a href="#">0307300000</a>	SAK Series, Cross-connector, Cross-connector, Number of poles: 2
GTIN (EAN)	4008190036140	
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	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	QVSK 2 SAKT1	Version
Order No.	<a href="#">1670360000</a>	SAK Series, Cross-connector, Cross-connector, Number of poles: 2
GTIN (EAN)	4008190431242	
Qty.	20 pc(s).	

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# Accessories

## Connection sleeves



### General ordering data

Type	VH 19/6.3/4.3	Version
Order No.	<a href="#">031800000</a>	SAK Series, Connecting sleeve, for cross-connection link, Number of
GTIN (EAN)	4008190059460	poles: 1
Qty.	50 pc(s).	
Type	VH 12/4.9/3.3	Version
Order No.	<a href="#">024900000</a>	SAK Series, Connecting sleeve, for cross-connection link, Number of
GTIN (EAN)	4008190129507	poles:
Qty.	100 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.	<a href="#">160985000</a>	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).	

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**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.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	