

**SAKC 4/35****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 4 mm <sup>2</sup> , 400 V, 25 A, pluggable, Cross-disconnect: without, Integral test socket: No, TS 35, medium yellow
Order No.	<a href="#">0357520000</a>
Type	SAKC 4/35
GTIN (EAN)	4008190185077
Qty.	100 pc(s).

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## Technical data

## Dimensions and weights

Depth	59.5 mm	Depth (inches)	2.343 inch
Height	6.5 mm	Height (inches)	0.256 inch
Width	6.5 mm	Width (inches)	0.256 inch
Net weight	18.6 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, Spacer, 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
Open sides	right	Type of mounting	Snap-on

## CSA rating data

Certificate No. (CSA)	12400-190	Current size C (CSA)	25 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	22 AWG		

## Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm <sup>2</sup>	Connection type, additional connection	Screw connection
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## Technical data

## Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.33 mm <sup>2</sup>	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	A4
Number of connections	2	Stripping length	12 mm
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2	Type of connection	Screw connection
Type of connection 2	Screw connection	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section, finely stranded, max.	4 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.	4 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, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	6 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	pluggable		

## General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 22		

## Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	400 V
Rated DC voltage	400 V	Rated current	25 A
Current at maximum wires	25 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.02 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

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## Technical data

## Environmental Product Compliance

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

## Approvals

Approvals



ROHS	Conform
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## Downloads

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

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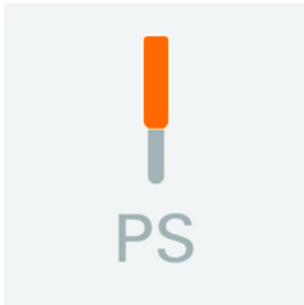
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## Accessories

## 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 2.3 RT	Version
Order No.	<a href="#">0180400000</a>	Test adapter (terminal), 20 mA
GTIN (EAN)	4008190060121	
Qty.	20 pc(s).	

## 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).	

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## Accessories

## QB RA



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	QB 4 WI RA6 IS	Version
Order No.	<a href="#">0482900000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190086169	Pitch in mm (P): 6.00, Insulated: Yes, 27 A, grey
Qty.	50 pc(s).	
Type	QB 3 WI RA6 IS	Version
Order No.	<a href="#">0482800000</a>	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190145217	Pitch in mm (P): 6.00, Insulated: Yes, 27 A, grey
Qty.	50 pc(s).	
Type	QB 2 WI RA6 IS	Version
Order No.	<a href="#">0482700000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190166021	Pitch in mm (P): 6.00, Insulated: Yes, 27 A, grey
Qty.	50 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	AP SAK4-10 BL	Version
Order No.	<a href="#">0117980000</a>	End plate (terminals), 40 mm x 1.5 mm, blue
GTIN (EAN)	4008190171087	
Qty.	20 pc(s).	
Type	AP SAK4-10 I	Version
Order No.	<a href="#">0117910000</a>	End plate (terminals), 40 mm x 1.5 mm, Light Grey
GTIN (EAN)	4008190183707	
Qty.	20 pc(s).	
Type	AP SAK4-10 KRG	Version
Order No.	<a href="#">0117920000</a>	End plate (terminals), 40 mm x 1.5 mm, dark beige, yellow
GTIN (EAN)	4008190135904	
Qty.	20 pc(s).	

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## Accessories

Type	AP SAK4-10 KRG/BL	Version
Order No.	<a href="#">0117970000</a>	End plate (terminals), 40 mm x 1.5 mm, blue
GTIN (EAN)	4008190049607	
Qty.	20 pc(s).	
Type	AP SAK4-10	Version
Order No.	<a href="#">0117960000</a>	End plate (terminals), 40 mm x 1.5 mm, beige
GTIN (EAN)	4008190081485	
Qty.	20 pc(s).	
Type	AP SAK4-10 RT	Version
Order No.	<a href="#">0117900000</a>	End plate (terminals), 40 mm x 1.5 mm, red
GTIN (EAN)	4008190125059	
Qty.	20 pc(s).	
Type	AP SAK4-10 DB	Version
Order No.	<a href="#">0105100000</a>	End plate (terminals), 40 mm x 1.5 mm, dark beige
GTIN (EAN)	4008190394875	
Qty.	20 pc(s).	

## 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 SAK4-10 KRG/BL	Version
Order No.	<a href="#">0130170000</a>	Partition plate (terminal), Intermediate plate, 50 mm x 44 mm, blue
GTIN (EAN)	4008190063757	
Qty.	20 pc(s).	
Type	TW 4 SAK4-10 BL	Version
Order No.	<a href="#">0130180000</a>	Partition plate (terminal), Intermediate plate, 50 mm x 44 mm, blue
GTIN (EAN)	4008190114138	
Qty.	20 pc(s).	
Type	TW SAK4-10 KRG	Version
Order No.	<a href="#">0130120000</a>	Partition plate (terminal), Intermediate plate, 50 mm x 44 mm, dark beige, yellow
GTIN (EAN)	4008190139117	
Qty.	20 pc(s).	
Type	TW SAK4-10 HP/DBR/0.5	Version
Order No.	<a href="#">0197100000</a>	Partition plate (terminal), Intermediate plate, 40 mm x 55 mm, brown, dark beige
GTIN (EAN)	4008190146627	
Qty.	20 pc(s).	
Type	TW 4 SAK4-10	Version
Order No.	<a href="#">0130160000</a>	Partition plate (terminal), Intermediate plate, 50 mm x 44 mm, beige
GTIN (EAN)	4008190096335	
Qty.	20 pc(s).	

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## Accessories

## Marker holder

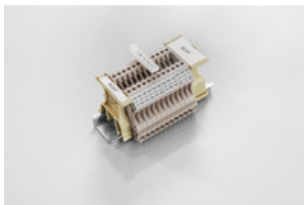


The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found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

## General ordering data

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

## 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.	<a href="#">0517960000</a>	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00
GTIN (EAN)	4008190001742	Weidmueller, white
Qty.	20 pc(s).	



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## Accessories

## Custom printing



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- Available as blank MultiCard or with standard printing

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## General ordering data

Type	DEK 5/6.5 MC SDR	Version
Order No.	<a href="#">1609850000</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).	