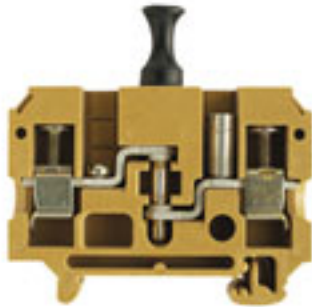


SAK Series
SAKC 10/35 2 STB4 KRG

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
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 Germany
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 www.weidmueller.com

Product image



Similar to illustration

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

Type	SAKC 10/35 2 STB4 KRG
Order No.	1404620000
Version	SAK Series, Test-disconnect terminal, Rated cross-section: 10 mm ² , Screw connection, medium yellow, Direct mounting
GTIN (EAN)	4008190113445
Qty.	50 pc(s).

Creation date May 3, 2020 9:26:23 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Width	12 mm	Width (inches)	0.472 inch
Height	65 mm	Height (inches)	2.559 inch
Depth	48.5 mm	Depth (inches)	1.909 inch
Net weight	49.7 g		

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °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, Spacer, With sockets, 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
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	12400-186	Current size C (CSA)	25 A
Current size D (CSA)	5 A	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	20 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm ²
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Technical data

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.5 mm ²	Clamping screw	M 4
Connection cross-section, stranded, max.	10 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B6
Number of connections	2	Stripping length	12 mm
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 Nm
Torque level with DMS electric screwdriver	4	Type of connection	Screw connection
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 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 with wire-end ferrules DIN 46228/4, max.	10 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	pluggable		

Rating data

Rated cross-section	10 mm ²	Rated voltage	500 V
Rated current	27 A	Current at maximum wires	27 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.56 mΩ
Power loss in accordance with IEC 60947-7-x	1.82 W	Rated impulse withstand voltage	6 kV
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)	600 V		

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
eClass 9.0	27-14-11-26	eClass 9.1	27-14-11-26
eClass 10.0	27-14-11-26	UNSPSC	30-21-18-11

Approvals

Approvals



ROHS Conform

Creation date May 3, 2020 9:26:23 AM CEST

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Data sheet**SAK Series
SAKC 10/35 2 STB4 KRG**

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Technical data**Downloads**

Approval/Certificate/Document of Conformity	DE_PT1312_20160418_445_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	Beipackzettel_SAKC_SAKA.pdf StorageConditionsTerminalBlocks

Safety note

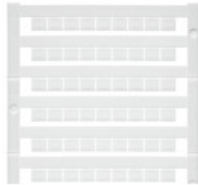
Safety notice	Safety Information
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SAK Series SAKC 10/35 2 STB4 KRG

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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.	1609840000		Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203429		Weidmueller, white
Qty.	900 pc(s).		

Test plug



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	PS 4 F.STB 4	Version	
Order No.	0299600000		Accessories, Test plug
GTIN (EAN)	4008190074043		
Qty.	20 pc(s).		

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Accessories

QL / SAKA



Klippon® Connect with clamping yoke Technology
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General ordering data

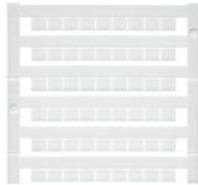
Type	QL 2 SAKA10	Version
Order No.	0135500000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190099404	poles: 2
Qty.	50 pc(s).	
Type	QL 10 SAKA10	Version
Order No.	0338500000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190063313	poles: 10
Qty.	20 pc(s).	
Type	QL 4 SAKA10	Version
Order No.	0135700000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190118822	poles: 4
Qty.	50 pc(s).	
Type	QL 3 SAKA10	Version
Order No.	0135600000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190032081	poles: 3
Qty.	50 pc(s).	

SAK Series SAKC 10/35 2 STB4 KRG

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Accessories

Custom printing



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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 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).		

Non-insulated sockets



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	STB 13.5/D6/4/M4 SAKA10	Version	
Order No.	0135200000	SAK Series, Socket	
GTIN (EAN)	4008190172862		
Qty.	50 pc(s).		

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Accessories
Connection sleeves

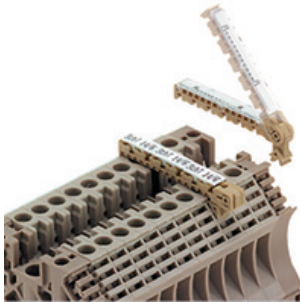

VH 12/4.9/3.3 024900

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General ordering data

Type	VH 13.6/7/4.2 SAKA10	Version
Order No.	0299700000	SAK Series, Connecting sleeve, for cross-connection link, Number of
GTIN (EAN)	4008190018313	poles:
Qty.	50 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.

SchT 9/4 and SchT 14/6 are hinged group tag carriers for single dekafix and WS tags that enable easy access to the clamping screw.

SchT 9/4 and SchT 14/6 are fitted with WS or DEK.

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 pc(s).	

Data sheet

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Accessories

End plates



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General ordering data

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