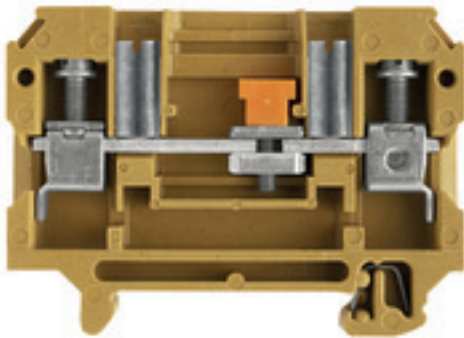


SAK Series
SAKT 1/35/LT STB

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Product image



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

Available until	2022-12-31
Type	SAKT 1/35/LT STB
Order No.	0105620000
Version	SAK Series, Test-disconnect terminal, Rated cross-section: 6 mm ² , Screw connection, medium yellow, Direct mounting
GTIN (EAN)	4008 190079338
Qty.	50 pc(s).
Alternative product	1016900000

Creation date May 4, 2020 3:33:26 PM CEST

SAK Series
SAKT 1/35/LT STB**Weidmüller Interface GmbH & Co. KG**
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www.weidmueller.com**Technical data****Dimensions and weights**

Width	8 mm	Width (inches)	0.315 inch
Height	65 mm	Height (inches)	2.559 inch
Depth	52.5 mm	Depth (inches)	2.067 inch
Net weight	30.06 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, 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
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 ²
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Technical data**Conductors for clamping (rated connection)**

Blade size	4.0 x 0.8 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 3.5
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	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 ²	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, 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	sliding		

Rating data

Rated cross-section	6 mm ²	Rated 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
Power loss in accordance with IEC 60947-7-x	1.31 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)	300 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

Data sheet**SAK Series
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Technical data**Downloads**

Approval/Certificate/Document of Conformity	DE_PT1314_20160418_613_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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Accessories

QB RA



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General ordering data

Type	QB 2 WI RA6 IS	Version
Order No.	0482700000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190166021	poles: 2
Qty.	50 pc(s).	
Type	QB 4 WI RA6 IS	Version
Order No.	0482900000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190086169	poles: 4
Qty.	50 pc(s).	
Type	QB 3 WI RA6 IS	Version
Order No.	0482800000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190145217	poles: 3
Qty.	50 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 2.3 RT	Version
Order No.	0180400000	Accessories, Test plug
GTIN (EAN)	4008190060121	
Qty.	20 pc(s).	

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Accessories

End plates



Klippon® Connect with clamping yoke Technology

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General ordering data

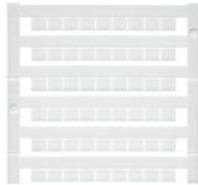
Type	AP SAK4-10 DB	Version
Order No.	0105100000	SAK Series, End plate, 1.5 mm, dark beige, Direct mounting
GTIN (EAN)	4008190394875	
Qty.	20 pc(s).	
Type	AP SAK4-10 KRG	Version
Order No.	0117920000	SAK Series, End plate, 1.5 mm, dark beige, yellow, Direct mounting
GTIN (EAN)	4008190135904	
Qty.	20 pc(s).	
Type	AP SAK4-10	Version
Order No.	0117960000	SAK Series, End plate, 1.5 mm, beige, Direct mounting
GTIN (EAN)	4008190081485	
Qty.	20 pc(s).	
Type	AP SAK4-10 BL	Version
Order No.	0117980000	SAK Series, End plate, 1.5 mm, blue, Direct mounting
GTIN (EAN)	4008190171087	
Qty.	20 pc(s).	
Type	AP SAK4-10 I	Version
Order No.	0117910000	SAK Series, End plate, 1.5 mm, Light Grey, Direct mounting
GTIN (EAN)	4008190183707	
Qty.	20 pc(s).	
Type	AP SAK4-10 KRG/BL	Version
Order No.	0117970000	SAK Series, End plate, 1.5 mm, blue, Direct mounting
GTIN (EAN)	4008190049607	
Qty.	20 pc(s).	
Type	AP SAK4-10 RT	Version
Order No.	0117900000	SAK Series, End plate, 1.5 mm, red, Direct mounting
GTIN (EAN)	4008190125059	
Qty.	20 pc(s).	

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Accessories

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.

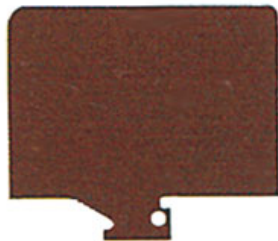
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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).	

Partition plates



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General ordering data

Type	TW 4 SAK4-10	Version
Order No.	0130160000	SAK Series, Separation plate, 1.5 mm, beige
GTIN (EAN)	4008190096335	
Qty.	20 pc(s).	
Type	TW SAK4-10 HP/DBR/0.5	Version
Order No.	0197100000	SAK Series, Separation plate, 0.5 mm, brown, dark beige, Direct mounting
GTIN (EAN)	4008190146627	
Qty.	20 pc(s).	
Type	TW SAK4-10 KRG	Version
Order No.	0130120000	SAK Series, Separation plate, 2.25 mm, dark beige, yellow, Direct mounting
GTIN (EAN)	4008190139117	
Qty.	20 pc(s).	

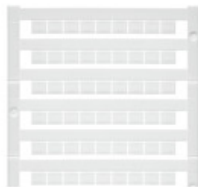
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Accessories

Type	TW SAK4-10 KRG/BL	Version
Order No.	0130170000	SAK Series, Separation plate, 2.25 mm, blue, Direct mounting
GTIN (EAN)	4008190063757	
Qty.	20 pc(s).	
Type	TW 4 SAK4-10 BL	Version
Order No.	0130180000	SAK Series, Separation plate, 1.5 mm, blue
GTIN (EAN)	4008190114138	
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.	1609840000	Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203429	Weidmueller, white
Qty.	900 pc(s).	