

**SAK Series
DKT 4V 2STB**

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

Type	DKT 4V 2STB
Order No.	1304860000
Version	SAK Series, Test-disconnect terminal, Double-tier terminal, Rated cross-section: 4 mm ² , Screw connection, beige, Direct mounting
GTIN (EAN)	4008 190030896
Qty.	50 pc(s).

Creation date May 3, 2020 12:36:10 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	6 mm	Width (inches)	0.236 inch
Height	65 mm	Height (inches)	2.559 inch
Depth	56.5 mm	Depth (inches)	2.224 inch
Net weight	15.81 g		

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	100 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	Screw connection, Vertically cross-connected, Spacer, With sockets, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	2
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		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
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Technical data
Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	4	Stripping length	9 mm
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2	Twin wire-end ferrules, max.	1.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	Pivoting		

Rating data

Rated cross-section	4 mm ²	Rated voltage	400 V
Rated current	10 A	Current at maximum wires	10 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Power loss in accordance with IEC 60947-7-x	1.02 W	Rated impulse withstand voltage	6 kV
Pollution severity	3		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20
eClass 10.0	27-14-11-20	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_PT1332_20160418_151_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

Safety note

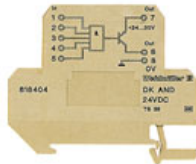
Safety notice	Safety Information
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Accessories

Logic modules



Logic functions AND, NAND, OR and NOR in modular terminal format with a rated cross-section of 4 mm². They each have five inputs which are fed – with logic gating – via a 24 V/20 mA PNP output. The logic components can be used for many applications involving the coupling of digital sensor/actuator signals with automation devices.

General ordering data

Type	AP DKT4 PA	Version
Order No.	0687560000	SAK Series, End plate, 1.5 mm, beige, Direct mounting
GTIN (EAN)	4008190009465	
Qty.	20 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

QB RA



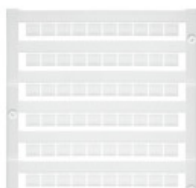
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General ordering data

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).	
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).	

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

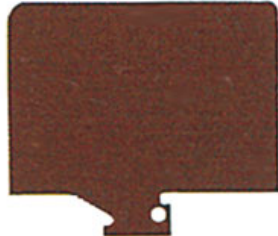
Type	DEK 5/6 MC SDR	Version
Order No.	1609830000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190456603	Weidmueller, To customer specification
Qty.	200 pc(s).	

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Accessories

Partition plates



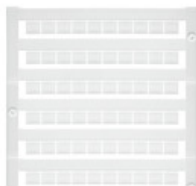
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General ordering data

Type	TW SAKS2 HP/DBR/2	Version
Order No.	0607000000	SAK Series, Separation plate, 2 mm, dark brown, Used between
GTIN (EAN)	4008190002732	terminals
Qty.	20 pc(s).	

Blank



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General ordering data

Type	DEK 5/6 MC NE WS	Version
Order No.	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Weidmueller, white
Qty.	1,000 pc(s).	