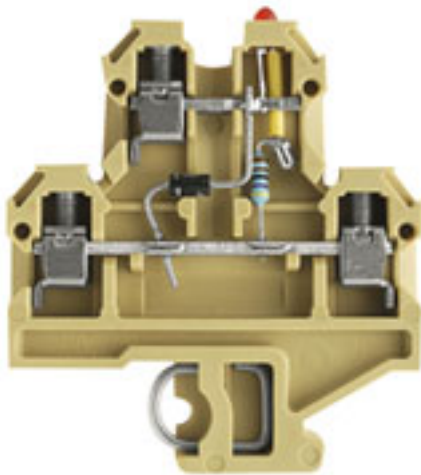


**SAK Series
DK 4/32 LD ROT 24VDC**

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	DK 4/32 LD ROT 24VDC
Order No.	0210160000
Version	SAK Series, Double-tier terminal, Rated cross-section: 4 mm², Screw connection, Direct mounting
GTIN (EAN)	4008190020736
Qty.	25 pc(s).

SAK Series DK 4/32 LD ROT 24VDC

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Technical data

Dimensions and weights

Width	6 mm	Width (inches)	0.236 inch
Height	50 mm	Height (inches)	1.969 inch
Depth	56.5 mm	Depth (inches)	2.224 inch
Net weight	12.944 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		

Material data

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

System specifications

Version	Screw connection, with LED, 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	Yes	PE connection	No
Rail	TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

Installation advice	Direct mounting	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.5 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.5 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	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 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

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Technical data**Dimensions**

TS 32 offset 25 mm

Display element

Current	5 mA	Indicator element	red
Operating voltage for display, max.	24 V	Operating voltage for display, min.	24 V
Type of voltage for indicator	DC		

Rating data

Rated cross-section	4 mm ²	Rated voltage	24 V
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	1 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

Downloads

Approval/Certificate/Document of Conformity	DE_PT1381_20160418_086_ISSUE01.pdf
Engineering Data	EPLAN_WSCAD
User Documentation	StorageConditionsTerminalBlocks

Safety noteSafety notice [Safety Information](#)

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Accessories

Q / AKZ



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	Q 2 AKZ4	Version
Order No.	0336400000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190037680	poles: 2
Qty.	50 pc(s).	
Type	Q 3 AKZ4	Version
Order No.	0336500000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190121730	poles: 3
Qty.	50 pc(s).	
Type	Q 10 AKZ4	Version
Order No.	0368600000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190056766	poles: 10
Qty.	20 pc(s).	
Type	Q 4 AKZ4	Version
Order No.	0336600000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190096656	poles: 4
Qty.	50 pc(s).	

End bracket



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General ordering data

Type	EWK 1	Version
Order No.	0206160000	Accessories, End bracket
GTIN (EAN)	4008190080020	
Qty.	50 pc(s).	
Type	EW 35	Version
Order No.	0383560000	Accessories, End bracket
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	

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Accessories

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).	

Insulation profiles



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General ordering data

Type	ISPF QB75 RT	Version
Order No.	0526760000	Accessories, Insulation profile
GTIN (EAN)	4008190157821	
Qty.	10 pc(s).	
Type	ISPF QB75 SW	Version
Order No.	0526700000	Accessories, Insulation profile
GTIN (EAN)	4008190093723	
Qty.	10 pc(s).	
Type	ISPF QB75 BL	Version
Order No.	0526780000	Accessories, Insulation profile
GTIN (EAN)	4008190093105	
Qty.	10 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).	

QB



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General ordering data

Type	QB 75/6.2/9/WI	Version
Order No.	0526400000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190099923	poles: 75
Qty.	10 pc(s).	
Type	QB 75/6.2/15	Version
Order No.	0535200000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190179168	poles: 75
Qty.	10 pc(s).	

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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 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).	

Non-insulated sockets



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General ordering data

Type	STB 8.5/D4.5/2/M3 SAKT4	Version
Order No.	0244600000	SAK Series, Socket
GTIN (EAN)	4008190103828	
Qty.	50 pc(s).	
Type	STB 8.5/5/2.3/M3 SAK2.5	Version
Order No.	0280600000	Accessories, Socket
GTIN (EAN)	4008190023188	
Qty.	50 pc(s).	
Type	STB 8.5/D4/2.3/M2.5 AKZ	Version
Order No.	0215700000	Accessories, Socket
GTIN (EAN)	4008190184872	
Qty.	50 pc(s).	

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Accessories

Connection sleeves



VH 12/4.9/3.3 024900

General ordering data

Type	VH 10/4/2.8 AKZ4	Version
Order No.	0446600000	SAK Series, Connecting sleeve, for cross-connection link, Number of
GTIN (EAN)	4008190176211	poles: 1
Qty.	50 pc(s).	

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Small partition



General ordering data

Type	TSCH 4 AKZ4	Version
Order No.	0363360000	SAK Series, Small partition, beige, 6 mm
GTIN (EAN)	4008190136680	
Qty.	100 pc(s).	

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Accessories

Locking tabs



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General ordering data

Type	VL 2 AKZ4/DK4	Version
Order No.	0446700000	SAK Series, Cross-connection lug, for cross-connection link, Number
GTIN (EAN)	4008190055486	of poles: 2
Qty.	50 pc(s).	
Type	VL 2 SAK4	Version
Order No.	0197000000	SAK Series, Cross-connection lug, for cross-connection link, Number
GTIN (EAN)	4008190000271	of poles: 2
Qty.	50 pc(s).	

End plates



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General ordering data

Type	AP DK4	Version
Order No.	0359260000	SAK Series, End plate, 1.5 mm, beige, Direct mounting
GTIN (EAN)	4008190012991	
Qty.	20 pc(s).	