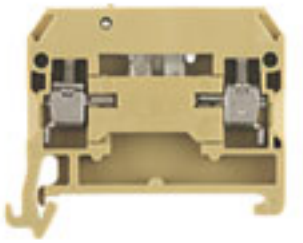
SAK Series
SAKR/35

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 easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	SAKR/35
Order No.	0172160000
Version	SAK Series, Test-disconnect terminal, Rated cross-section: 4 mm², Screw connection, beige, Direct mounting
GTIN (EAN)	4008190030445
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Width	6.5 mm	Width (inches)	0.256 inch
Height	42 mm	Height (inches)	1.654 inch
Depth	40.5 mm	Depth (inches)	1.594 inch
Net weight	8.524 g		

Temperatures

Storage temperature, max.	55 °C	Storage temperature, min.	-25 °C
Storage temperature	-25 °C...55 °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, 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	Yes	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	12400-132	Current size C (CSA)	10 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	24 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm²

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm²
Clamping range, min.	0.13 mm²	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm²	Connection cross-section, stranded, min.	1.5 mm²
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	2	Stripping length	8 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 mm²
Twin wire-end ferrules, min.	0.5 mm²	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 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Disconnect terminals

Cross-disconnect	without	Integral test socket	No
Slitting	Pivoting		

Rating data

Rated cross-section	4 mm²	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	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

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Technical data

Downloads

Approval/Certificate/Document of Conformity	EAC certificate MARITREG Certificate Declaration of Conformity Declaration of Conformity
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
Product Change Notification	Technical change - EN Technical change - DE
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information

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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).	

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

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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).	

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Accessories

QB RA

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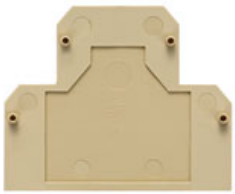
General ordering data

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 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 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).	

End plates



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General ordering data

Type	AP SAKR BE	Version
Order No.	0211360000	SAK Series, End plate, 1.5 mm, beige, Direct mounting
GTIN (EAN)	4008190184834	
Qty.	20 pc(s).	
Type	AP SAKR BL	Version
Order No.	0211380000	SAK Series, End plate, 1.5 mm, blue, Direct mounting
GTIN (EAN)	4008190141943	
Qty.	20 pc(s).	

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Accessories

Non-insulated sockets

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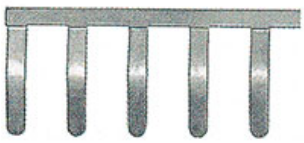
General ordering data

Type	STB 6/D3.7/2.3/M3 SAKR	Version
Order No.	0379400000	SAK Series, Socket
GTIN (EAN)	4008190023478	
Qty.	100 pc(s).	

QB



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General ordering data

Type	QB 25/6.5/11.5 SAKR	Version
Order No.	0134000000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190118945	poles: 25
Qty.	20 pc(s).	