

**SAK Series
SAKS 5/35 DB**

Weidmüller Interface GmbH & Co. KG
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Product image

SAKS/35 050210

**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	SAKS 5/35 DB
Order No.	0502 100000
Version	SAK Series, Fuse terminal, Rated cross-section: 16 mm², Screw connection, dark beige, Direct mounting
GTIN (EAN)	4008190045821
Qty.	20 pc(s).

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Technical data
Dimensions and weights

Width	28 mm	Width (inches)	1.102 inch
Height	80 mm	Height (inches)	3.15 inch
Depth	65 mm	Depth (inches)	2.559 inch
Depth including DIN rail	66 mm	Net weight	105.2 g

Temperatures

Storage temperature, max.	55 °C	Storage temperature, min.	-25 °C
Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	KrG	Colour	dark beige
UL 94 flammability rating	V-0, 5VA		

System specifications

Version	Screw connection, Fuse cartridge, for screwable cross-connection, One end without connector	End cover plate required	No
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	closed	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	12400-159-154	Current size C (CSA)	63 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	14 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	16 mm ²
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Technical data
Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm ²
Clamping range, min.	1.5 mm ²	Clamping screw	M 4
Connection cross-section, finely stranded, max.	16 mm ²	Connection cross-section, finely stranded, min.	1.5 mm ²
Connection cross-section, stranded, max.	16 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B7
Number of connections	2	Stripping length	13 mm
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 Nm
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
Wire connection cross-section, finely stranded, min.	1.5 mm ²	Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	1.5 mm ²		

Display element

Type of voltage for indicator	AC
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Fuse terminals

Cartridge fuse	E18	Display	Without LED
Fuse holder (cartridge holder)	for screw fixing	Type of voltage for indicator	AC

Rating data

Rated cross-section	16 mm ²	Rated voltage	400 V
Rated voltage to adjoining terminal	400 V	Rated current	63 A
Current at maximum wires	63 A	Standards	IEC 60947-7-3
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Power loss in accordance with IEC 60947-7-x	2.43 W
Rated impulse withstand voltage	6 kV	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	14 AWG	Conductor size Field wiring max. (UR)	6 AWG
Conductor size Field wiring min. (UR)	14 AWG	Current size C (UR)	40 A
Voltage size C (UR)	600 V		

Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
eClass 9.0	27-14-11-16	eClass 9.1	27-14-11-16
eClass 10.0	27-14-11-16	UNSPSC	30-21-18-11

SAK Series SAKS 5/35 DB

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Lloyds Register Certificate MARITREG Certificate DE_PT1313_20160418_605_ISSUE01.pdf Declaration of Conformity Terminals
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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Data sheet

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Drawings
