

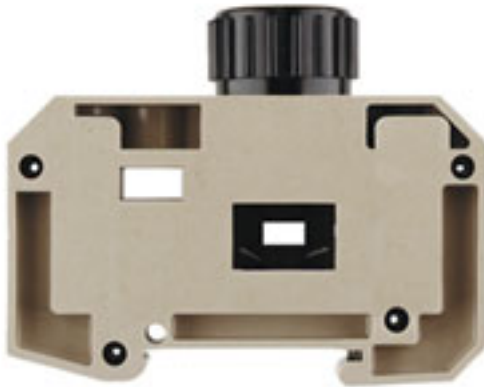
**SAKS 5/35 DB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**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**

Version	SAK Series, Fuse terminal, Rated cross-section: 16 mm <sup>2</sup> , Screw connection, dark beige, Direct mounting
Order No.	<a href="#">0502 100000</a>
Type	SAKS 5/35 DB
GTIN (EAN)	4008 19004582 1
Qty.	20 pc(s).

Creation date July 20, 2021 11:31:50 AM CEST

Catalogue status 16.07.2021 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

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

**Temperatures**

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 <sup>2</sup>
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## Technical data

## Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm <sup>2</sup>
Clamping range, min.	1.5 mm <sup>2</sup>	Clamping screw	M 4
Connection cross-section, finely stranded, max.	16 mm <sup>2</sup>	Connection cross-section, finely stranded, min.	1.5 mm <sup>2</sup>
Connection cross-section, stranded, max.	16 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
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 <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>

## 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

## General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-3		

## Rating data

Rated cross-section	16 mm <sup>2</sup>	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	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	2.43 W	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
ETIM 8.0	EC000899	ECLASS 9.0	27-14-11-16
ECLASS 9.1	27-14-11-16	ECLASS 10.0	27-14-11-16
ECLASS 11.0	27-14-11-16		

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E60693

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">Lloyds Register Certificate</a> <a href="#">MARITREG Certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity all terminals</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

