

**SAKS 4/35 DB**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

**Product image**



**General ordering data**

Version	SAK Series, Fuse terminal, Rated cross-section: 10 mm <sup>2</sup> , Screw connection, dark beige, Direct mounting
Order No.	<a href="#">0501800000</a>
Type	SAKS 4/35 DB
GTIN (EAN)	4008190045067
Qty.	20 pc(s).

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Catalogue status 03.02.2023 / 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	75 mm
Height (inches)	2.953 inch	Width	24 mm
Width (inches)	0.945 inch	Net weight	77.95 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
Number of similar terminals	1	Open sides	closed
Type of mounting	Snap-on		

## CSA rating data

Certificate No. (CSA)	12400-188	Current size B (CSA)	30 A
Current size C (CSA)	30 A	Current size D (CSA)	5 A
Voltage size B (CSA)	600 V	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	22 AWG		

## Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm <sup>2</sup>	Connection direction	on side
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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.	0.22 mm <sup>2</sup>	Clamping screw	M 4
Connection cross-section, finely stranded, max.	10 mm <sup>2</sup>	Connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Connection cross-section, stranded, max.	10 mm <sup>2</sup>	Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	B6
Number of connections	2	Stripping length	14 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.	10 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

## Display element

Operating voltage for display, max.	400 V	Type of voltage for indicator	AC/DC
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## Fuse terminals

Cartridge fuse	E14	Display	Without LED
Fuse holder (cartridge holder)	for screw fixing	Operating voltage, max.	400 V
Type of voltage for indicator	AC/DC		

## General

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

## Rating data

Rated cross-section	10 mm <sup>2</sup>	Rated voltage	400 V
Rated voltage to adjoining terminal	400 V	Rated current	16 A
Current at maximum wires	16 A	Standards	IEC 60947-7-3
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.82 W	Pollution severity	3

## UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	30 A
Voltage size C (UR)	600 V		

**Data sheet**

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**Technical data**

**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	ECLASS 12.0	27-14-11-16

**Important note**

Product information                      The voltage depends on the selected fuse element or the selected indicator light

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	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="#">CE Declaration of Conformity all terminals</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">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**

