

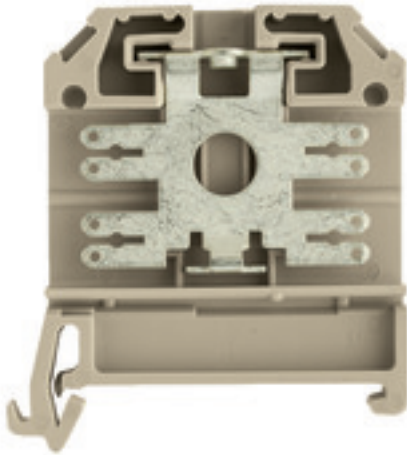
**SAK 4 SS/35 6.3/2.8 DB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Are you looking for an interface from electrical engineering to electronics? To be able to feed through to the electronic devices on the panel sometimes a solder connection or a standard pluggable solution is appropriate.

**General ordering data**

Version	SAK Series, Feed-through terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Flat-blade connection
Order No.	<a href="#">0630400000</a>
Type	SAK 4 SS/35 6.3/2.8 DB
GTIN (EAN)	4008 190350390
Qty.	100 pc(s).

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## SAK 4 SS/35 6.3/2.8 DB

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## Technical data

## Dimensions and weights

Depth	49.5 mm	Depth (inches)	1.949 inch
Height	40 mm	Height (inches)	1.575 inch
Width	6.5 mm	Width (inches)	0.256 inch
Net weight	8.39 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	100 °C		

## Material data

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

## System specifications

Version	With cable lug connection F2.8, With cable lug connection F6.3, for screwable cross-connection, 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 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

## CSA rating data

Certificate No. (CSA)	12400-129	Current size C (CSA)	13 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	18 AWG		

## Conductors for clamping (rated connection)

Clamping range, max.	2.5 mm <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Connection direction	on side	Number of connections	4
Type of connection	Flat-blade connection	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 18	Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>		

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## General

Rail	TS 35	Standards	IEC 61210, In accordance with IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 18

## Other connections

Rated cross-section spade connector 2.8 mm	1 mm <sup>2</sup>	Rated cross-section spade connector 6.3 mm	2.5 mm <sup>2</sup>
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## Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Rated current	20 A	Current at maximum wires	20 A
Standards	IEC 61210, In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3		

## UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	26 AWG	Current size C (UR)	25 A
Voltage size C (UR)	300 V		

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20

## 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="#">DNVGL certificate</a> <a href="#">MARITREG Certificate</a> <a href="#">UKCA declaration of conformity</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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3