

SAKS 5/35

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

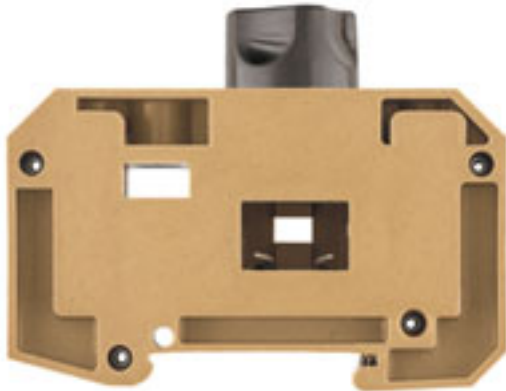
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Product image



In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

General ordering data

Version	SAK Series, Fuse terminal, Rated cross-section: 16 mm ² , Screw connection, medium yellow, Direct mounting
Order No.	0502120000
Type	SAKS 5/35
GTIN (EAN)	4008190142360
Qty.	20 pc(s).

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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	108.35 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	medium yellow
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)	12400-159-154	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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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, 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
Torque level with DMS electric screwdriver	4	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 14
Wire connection cross section, finely stranded, max.	16 mm ²	Wire connection cross section, finely stranded, min.	1.5 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, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	1.5 mm ²

Display element

Operating voltage for display, max.	400 V	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	Operating voltage, max.	400 V
Type of voltage for indicator	AC		

General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-3	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 14		

Rating data

Rated cross-section	16 mm ²	Rated voltage	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		

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Technical data

Classifications

ETIM 6.0	EC000899	ETIM 7.0	www.weidmueller.com	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	EAC certificate VDE Certificate Lloyds Register Certificate MARITREG Certificate Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format