SAK Series
SAKS 4/35 DB

Weidmüller Interface GmbH & Co. KG
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The fuse terminals of the Weidmüller SAK series are available in two different forms:
- Fuse terminal with pivoting retaining lever
- Fuse terminals with screw cap

General ordering data

Type	SAKS 4/35 DB
Order No.	0501800000
GTIN (EAN)	4008190045067
Qty.	20 pc(s).

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Technische Daten

Dimensions and weights

Length	75 mm	Width	24 mm
Height	66 mm	Height of lowest version	66 mm
Net weight	77.95 g		

Temperatures

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

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	closed
Type of mounting	Snap-on	Version	Screw connection, Fuse cartridge, for screwable cross-connection, One end without connector

CSA ratings data

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

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm²

Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	14 mm
Blade size	1.0 x 5.5 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.22 mm²
Clamping range, rated connection, max.	16 mm²	Clamping screw	M 4
Tightening torque, min.	1.2 Nm	Tightening torque, max.	2.4 Nm
Gauge to IEC 60947-1	B6	Wire connection cross section, solid core, max. rated connection	0.5 mm²
Wire connection cross section, solid core max. rated connection	16 mm²	Wire connection cross section, stranded, rated connection, min.	0.5 mm²
Wire connection cross section, stranded, rated connection, max.	10 mm²	Wire connection cross section, finely stranded, max.	10 mm²
Wire connection cross-section, finely stranded, min.	0.5 mm²	Finely stranded, min. (rated connection)	0.5 mm²
Finely stranded, max. (rated connection)	10 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	10 mm²		

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Rated data

Rated cross-section	10 mm²	Rated voltage to adjoining terminal	400 V
Rated impulse withstand voltage	6 kV	Rated current	16 A
Current at maximum wires	16 A	Standards	IEC 60947-7-3
Pollution severity	3		

UL ratings data

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

Material data

Material	KrG	Colour	Dark Beige
UL 94 flammability rating	V-0, 5VA		

System specifications

Product family	SAK Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	No		

Display element

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

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		

Classifications

ETIM 3.0	EC000899	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-16	eClass 6.2	27-14-11-16
eClass 7.1	27-14-11-16		

Product information

Descriptive text ordering data	Material Duroplast KRG
Descriptive text technical data	400 V also with Neozed marine engineering fuse. On connection of over 10 mm² stranded and 7-wire AWG conductors, the tightening torque is 2 Nm.
Descriptive text accessories	Replacement screw cover cap order No. 0339410000 (QTY 20)

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Approvals

Approvals	
ROHS	Conform