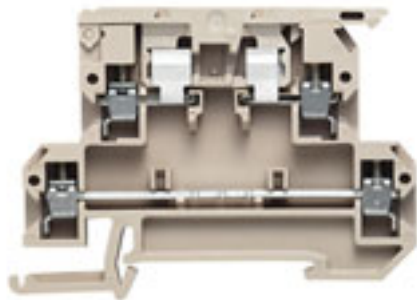


SAK Series
KDKS 1/35 DB**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

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

Order No.	9532440000
Type	KDKS 1/35 DB
Version	SAK Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection, Wemid, Dark Beige, Direct mounting, TS 35
GTIN (EAN)	4032248039203
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Length	73.5 mm	Width	8 mm
Height	55.6 mm	Height of lowest version	54.6 mm
Net weight	20.32 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Additional technical data

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

CSA ratings data

Certificate No. (CSA)	12400-281	Voltage size D (CSA)	300 V
Current size D (CSA)	10 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²
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Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	8 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Clamping range, rated connection, min.	0.22 mm ²	Clamping range, rated connection, max.	4 mm ²
Clamping screw	M 3	Tightening torque, min.	0.5 Nm
Tightening torque, max.	0.8 Nm	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	4 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Finely stranded, min. (rated connection)	0.5 mm ²	Finely stranded, max. (rated connection)	4 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Twin wire-end ferrules, max.	1.5 mm ²

Rated data

Rated cross-section	4 mm ²	Rated voltage to adjoining terminal	500 V
Rated impulse withstand voltage	6 kV	Rated current	6.3 A
Current at maximum wires	6.3 A	Standards	IEC 60947-7-3
Pollution severity	3		

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Technical data**UL ratings data**

Certificate No. (UR)	E60693VOL1SEC18	Voltage size C (UR)	300 V
Current size C (UR)	10 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG

Material data

Insulating material	Wemid	Material	Wemid
Colour	Dark Beige	UL 94 flammability rating	V-0

System specifications

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

Display element

Operating voltage for display, max.	500 V	Type of voltage for indicator	AC
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Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Without LED
Fuse holder (cartridge holder)	Pivoting	Operating voltage, max.	500 V
Type of voltage for indicator	AC		

Classifications

ETIM 2.0	EC000899	ETIM 3.0	EC000899
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-16
eClass 5.1	27-14-11-16	eClass 6.0	27-14-11-16
eClass 7.0	27-14-11-16		

Product information

Descriptive text ordering data	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.
Descriptive text technical data	Note: max. conductor size = 2.5 mm ² when using the cross-connector.
Product description	400V

Approvals

Approvals

