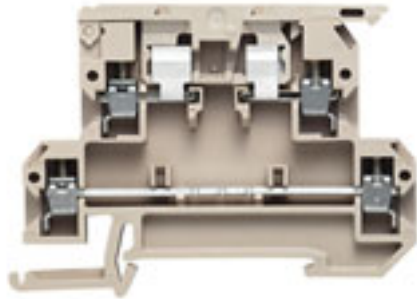


**SAK Series  
KDKS 1/35 DB**

**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**

Type	KDKS 1/35 DB
Order No.	<a href="#">9532440000</a>
GTIN (EAN)	4032248039203
Qty.	50 pc(s).

## SAK Series KDKS 1/35 DB

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## Technische Daten

### 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	Version	Screw connection, Fuse isolator, One end without connector

### 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 <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm <sup>2</sup>
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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 <sup>2</sup>	Clamping range, rated connection, max.	4 mm <sup>2</sup>
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 <sup>2</sup>	Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Finely stranded, min. (rated connection)	0.5 mm <sup>2</sup>	Finely stranded, max. (rated connection)	4 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm <sup>2</sup>
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>	Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>

### Rated data

Rated cross-section	4 mm <sup>2</sup>	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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## Technische Daten

### UL ratings data

Certificate No. (UR)	E60693	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 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	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 <sup>2</sup> when using the cross-connector.

### Approvals

Approvals



ROHS Conform