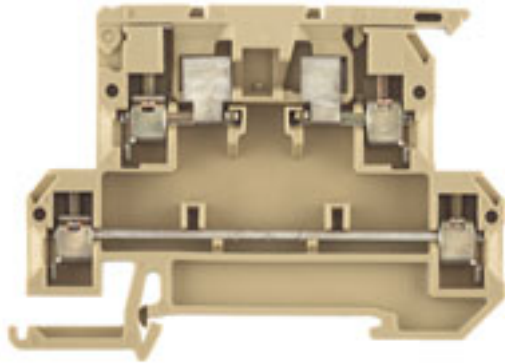


**SAK terminal with screw connection
KDKS 1/35**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
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.	9503310000
Type	KDKS 1/35
Version	SAK terminal with screw connection, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection, PA 66, beige, Direct mounting, TS 35
GTIN (EAN)	4008190182304
Qty.	50 pc(s).

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Technical data**Dimensions**

Length	73.5 mm	Width	8 mm
Height	55.6 mm	Height of lowest version	55.6 mm
Net weight	20.073 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °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 C (CSA)	300 V
Current size C (CSA)	25 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	9 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	4	Clamping range, rated connection, min.	0.33 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
Torque level with DMS electric screwdriver	2	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
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
Wire connection cross section AWG, max.	AWG 12		

Rated data

Rated cross-section	4 mm ²	Rated voltage	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		

Creation date May 30, 2012 9:41:25 AM CEST

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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	PA 66	Material	PA 66
Colour	Beige	Flammability class UL 94	V-2

System specifications

Product family	SAK terminal with screw connection	Type of connection	Screw connection
Connection direction	on side	Number of levels	2
Number of connections	4	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-connection.

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Accessories

AP end cover plates



Apart from a few exceptions, the last terminal in a terminal strip must be closed off with an AP end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes . The overall dimensions of the end plates match the external dimensions of the associated terminal. The end plate is held in place by the end bracket.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
9532470000	AP KDKS1 DB	General accessories, End plate, 1.5 mm, Dark beige, Direct mounting	4032248039227	20 pc(s).
9503340000	AP KDKS1/EN	General accessories, End plate, 1.5 mm, Beige, Direct mounting	4008190157630	20 pc(s).
9503330000	AP KDKS1	General accessories, End plate, 1.5 mm, Beige, Direct mounting	4008190124212	20 pc(s).

Blank



The **dekafix (DEK)** marker is the universal marker for all conductor and plug-in connectors as well as for electronics modules. The system is ideal for small groups of consecutive numbers and covers a large range of ready-printed markers. Being mounted as strips means that they are quickly clipped on in one operation. The printing is legible with good contrast, and is available in five widths.

- Large selection of ready-to-use markers
- In strips for fast installation
- Connector markers are suitable for all Weidmüller conductor connectors
- Available as blank cards, MultiCard or as cards with standard printing

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1856740000	DEK 5/8 MC Neutral	Terminal markers, MultiCard, 5 x 8 mm, Colour: White	4032248400850	800 pc(s).

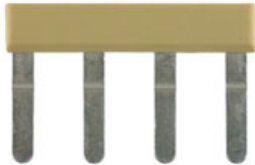
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Accessories

QB 2-, 3- and 4-poles, insulated

Cross-connection element, insulated
6.0, 6.5 mm and 8.0 mm pitches



General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
0461100000	QB 2 WI RA8 IS	General accessories, Cross-connector, for cross-connection link, No. of poles: 2	4008190034818	50 pc(s).
0461300000	QB 4 WI RA8 IS	General accessories, Cross-connector, for cross-connection link, No. of poles: 4	4008190025373	50 pc(s).
0461200000	QB 3 WI RA8 IS	General accessories, Cross-connector, for cross-connection link, No. of poles: 3	4008190161699	50 pc(s).

Custom printing



The **dekafix (DEK)** marker is the universal marker for all conductor and plug-in connectors as well as for electronics modules. The system is ideal for small groups of consecutive numbers and covers a large range of ready-printed markers. Being mounted as strips means that they are quickly clipped on in one operation. The printing is legible with good contrast, and is available in five widths.

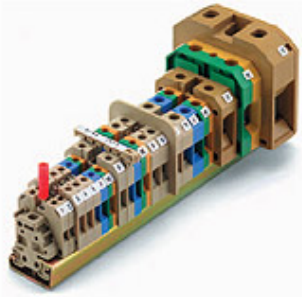
- Large selection of ready-to-use markers
- In strips for fast installation
- Connector markers are suitable for all Weidmüller conductor connectors
- Available as blank cards, MultiCard or as cards with standard printing

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1856750000	DEK 5/8 MC Sonderdruck	Terminal markers, MultiCard, 5 x 5 mm, Polyamide 66, Colour: To customer specification	4032248400867	160 pc(s).

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Accessories
G 5x20 without indicator


Weidmüller offers users of modular terminals of the SAK Series a comprehensive range of accessories that render possible appropriate solutions for all - even non-standard - tasks.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
0430900000	G 20/2.00A/F	Active components, Cartridge fuse	4008190123567	10 pc(s).
0431200000	G 20/4.00A/F	Active components, Cartridge fuse	4008190022983	10 pc(s).
0431100000	G 20/3.15A/F	Active components, Cartridge fuse	4008190012977	10 pc(s).
0431400000	G 20/6.30A/F	Active components, Cartridge fuse	4008190086053	10 pc(s).
0431000000	G 20/2.50A/F	Active components, Cartridge fuse	4008190085513	10 pc(s).
0431300000	G 20/5.00A/F	Active components, Cartridge fuse	4008190185381	10 pc(s).
0430800000	G 20/1.60A/F	Active components, Cartridge fuse	4008190031503	10 pc(s).
0430500000	G 20/0.25A/F	Active components, Cartridge fuse	4008190153991	10 pc(s).
0430400000	G 20/0.20A/F	Active components, Cartridge fuse	4008190152383	10 pc(s).
0430600000	G 20/0.50A/F	Active components, Cartridge fuse	4008190046835	10 pc(s).