

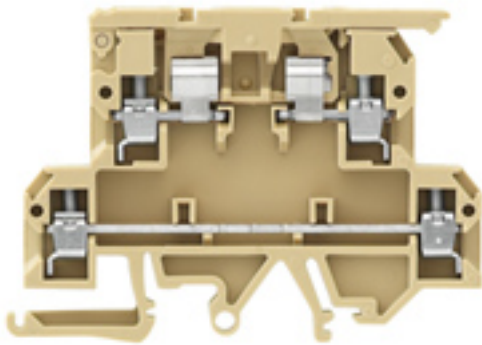
KDKS 1/EN4**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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: 4 mm ² , Screw connection, Direct mounting
Order No.	9503350000
Type	KDKS 1/EN4
GTIN (EAN)	4008 190550806
Qty.	50 pc(s).

Creation date March 26, 2022 5:51:08 AM CET

Catalogue status 11.03.2022 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Depth	65 mm	Depth (inches)	2.559 inch
Height	73.5 mm	Height (inches)	2.894 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	21.24 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	100 °C		

Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	Screw connection, Fuse isolator, One end without connector	End cover plate required	Yes
Number of potentials	2	Number of levels	2
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

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1 mm ²

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 rating data

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

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²
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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.33 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	3	Stripping length	9 mm
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22
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, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Fuse terminals

Cartridge fuse	G-Si. 5 x 20
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General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-1 (-7-2)	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 22		

PE rating data

PEN function	No
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Rating data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated current	6.3 A	Current at maximum wires	6.3 A
Standards	IEC 60947-7-1 (-7-2)	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	10 A
Voltage size C (UR)	300 V		

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Technical data

Classifications

ETIM 6.0	EC000899	ETIM 7.0	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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

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Accessories

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/6.5 MC NE WS	Version	
Order No.	1609840000		Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203429		Weidmueller, white
Qty.	900 pc(s).		

SAK-Series



End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	AP KDKS1	Version	
Order No.	9503330000		SAK Series, End plate, 1.5 mm, beige, Direct mounting
GTIN (EAN)	4008190124212		
Qty.	20 pc(s).		

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Accessories

5x20



For protection against overcurrent, we offer cartridge fuse with dimensions 5x20 mm in sizes from 100 mA to 6.3 A.

General ordering data

Type	G 20/1.60A/F	Version
Order No.	043080000	Active components, Fuse
GTIN (EAN)	4008190031503	
Qty.	10 pc(s).	
Type	G 20/6.30A/F	Version
Order No.	043140000	Active components, Fuse
GTIN (EAN)	4008190086053	
Qty.	10 pc(s).	
Type	G 20/4.00A/F	Version
Order No.	043120000	Active components, Fuse
GTIN (EAN)	4008190022983	
Qty.	10 pc(s).	
Type	G 20/0.10A/F	Version
Order No.	043030000	Active components, Fuse
GTIN (EAN)	4008190077174	
Qty.	10 pc(s).	
Type	G 20/3.15A/F	Version
Order No.	043110000	Active components, Fuse
GTIN (EAN)	4008190012977	
Qty.	10 pc(s).	
Type	G 20/0.25A/F	Version
Order No.	043050000	Active components, Fuse
GTIN (EAN)	4008190153991	
Qty.	10 pc(s).	
Type	G 20/2.50A/F	Version
Order No.	043100000	Active components, Fuse
GTIN (EAN)	4008190085513	
Qty.	10 pc(s).	
Type	G 20/1.00A/F	Version
Order No.	043070000	Active components, Fuse
GTIN (EAN)	4008190093877	
Qty.	10 pc(s).	
Type	G 20/2.00A/F	Version
Order No.	043090000	Active components, Fuse
GTIN (EAN)	4008190123567	
Qty.	10 pc(s).	
Type	G 20/0.20A/F	Version
Order No.	043040000	Active components, Fuse
GTIN (EAN)	4008190152383	
Qty.	10 pc(s).	

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Accessories

Type	G 20/0.63A/F	Version
Order No.	043900000	Active components, Fuse
GTIN (EAN)	4008190131210	
Qty.	10 pc(s).	
Type	G 20/5.00A/F	Version
Order No.	043130000	Active components, Fuse
GTIN (EAN)	4008190185381	
Qty.	10 pc(s).	
Type	G 20/0.50A/F	Version
Order No.	043060000	Active components, Fuse
GTIN (EAN)	4008190046835	
Qty.	10 pc(s).	

QB RA



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

Type	QB 3 WI RA8 IS	Version
Order No.	046120000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190161699	poles: 3
Qty.	50 pc(s).	
Type	QB 4 WI RA8 IS	Version
Order No.	046130000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190025373	poles: 4
Qty.	50 pc(s).	
Type	QB 2 WI RA8 IS	Version
Order No.	046110000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190034818	poles: 2
Qty.	50 pc(s).	

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Accessories

Plus



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Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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General ordering data

Type	DEK 5/6.5 PLUS MC NE WS	Version
Order No.	1046340000	Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4032248782048	Weidmueller, white
Qty.	900 pc(s).	
Type	DEK 5/6.5 PLUS MC NE GE	Version
Order No.	1364020000	Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4050118166057	Weidmueller, yellow
Qty.	900 pc(s).	

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Accessories

Custom printing



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General ordering data

Type	DEK 5/6.5 PLUS MC SDR	Version
Order No.	1046360000	Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4032248782062	Weidmueller, To customer specification
Qty.	180 pc(s).	
Type	DEK 5/6.5 MC SDR	Version
Order No.	1609850000	Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190456610	Weidmueller, To customer specification
Qty.	180 pc(s).	

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