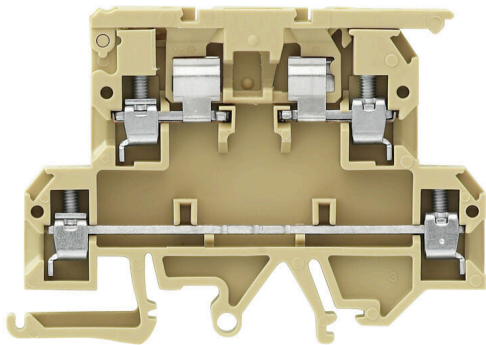


## KDKS1EN/SMT 100-250VAC/DC BFI H+

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

### Product image



Similar to illustration

Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload –ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

### General ordering data

Version	Fuse terminal, dark beige, 4 mm <sup>2</sup> , 6.3 A, 250 V, Number of connections: 4, Number of levels: 2, TS 32, TS 35
Order No.	<a href="#">2812480000</a>
Type	KDKS1EN/SMT 100-250VAC/DC BFI H+
GTIN (EAN)	4064675295976
Qty.	50 items
Local product	Only available in certain countries

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**Technical data****Approvals**

ROHS	Conform
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**Dimensions and weights**

Depth	55.7 mm	Depth (inches)	2.1929 inch
Height	73.5 mm	Height (inches)	2.8937 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	20 g		

**Temperatures**

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

**Environmental Product Compliance**

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

**Material data**

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-2		

**System specifications**

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	Mounting rail	TS 32, TS 35
PE function	No		

**Additional technical data**

Open sides	right	Type of mounting	Snap-on
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**Conductors for clamping (rated connection)**

Wire connection cross section AWG, max.	AWG 12	Connection direction	on side
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Stripping length	9 mm	Number of connections	4
Clamping range, max.	4 mm <sup>2</sup>	Clamping range, min.	0.33 mm <sup>2</sup>
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.33 mm <sup>2</sup>

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### Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.33 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.33 mm <sup>2</sup>
Connection cross-section, stranded, max.	4 mm <sup>2</sup>	Connection cross-section, stranded, min.	0.33 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.33 mm <sup>2</sup>
Connection cross-section, finely stranded, min.	0.33 mm <sup>2</sup>		

### Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Fuse holder (cartridge holder)	Pivoting
Power loss, 1-pole ; 2-pole ; 3-pole		Permitted power loss for fuse with semiconductor protection	

### General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22
Standards	IEC 60947-7-1, IEC 60947-7-3	Mounting rail	TS 32, TS 35

### Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	250 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	250 V
Nominal current	6.3 A	Standards	IEC 60947-7-1, IEC 60947-7-3
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Surge voltage category	III	Pollution severity	3

### Important note

Product information      The voltage depends on the selected fuse element or the selected indicator light

### Classifications

ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	EC000899	ECLASS 14.0	27-25-01-13
ECLASS 15.0	27-25-01-13		