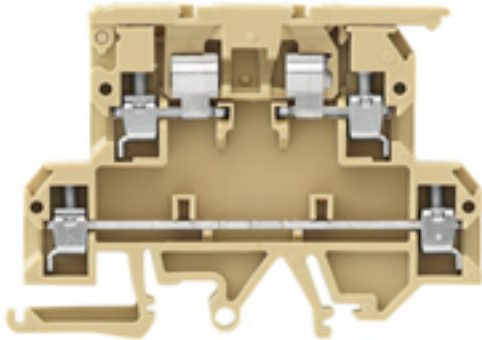


## KDKS1EN/SMT 100-250VAC/DC BFI H-

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

[www.weidmueller.com](http://www.weidmueller.com)

### Product image



Similar to illustration

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	W-Series, Fuse terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection
Order No.	<a href="#">9802760001</a>
Type	KDKS1EN/SMT 100-250VAC/DC BFI H-
GTIN (EAN)	4050118175332
Qty.	50 pc(s).
Available until	2016-12-31
Local product	Only available in certain countries
Alternative product	<a href="#">9915820001</a>

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## Technical data

### General ordering data

Local product Only available in certain countries

### Dimensions and weights

Depth	54.6 mm	Depth (inches)	2.15 inch
Height	76.5 mm	Height (inches)	3.012 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	20.694 g		

### Temperatures

Storage temperature -25 °C...55 °C

### Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

### 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	Levels cross-connected internally	No
PE connection	No	Rail	TS 32, TS 35
N-function	No	PE function	No
PEN function	No		

### Additional technical data

Open sides right

### CSA rating data

Certificate No. (CSA)	200039-70000261	Current size B (CSA)	25 A
Current size C (CSA)	25 A	Current size D (CSA)	10 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	150 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

### Conductors for clamping (rated connection)

Blade size 0.6 x 3.5 mm

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**Technical data**

Clampable conductor	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U		
		min.	0.5 mm <sup>2</sup>		
		max.	4 mm <sup>2</sup>		
		nominal	4 mm <sup>2</sup>		
	wire end ferrule	Stripping length	min.	9 mm	
			max.	9 mm	
		Tightening torque	min.	0.5 Nm	
			max.	0.8 Nm	
	Recommended wire-end ferrule				
	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	stranded, H07V-R		
min.		1.5 mm <sup>2</sup>			
max.		4 mm <sup>2</sup>			
nominal		4 mm <sup>2</sup>			
wire end ferrule	Stripping length	min.	9 mm		
		max.	9 mm		
	Tightening torque	min.	0.5 Nm		
		max.	0.8 Nm		
Recommended wire-end ferrule					
Connection specification		Screw connection			
Cross-section for conductor connection	Type	flexible, H05(07) V-K			
	min.	0.5 mm <sup>2</sup>			
	max.	4 mm <sup>2</sup>			
	nominal	4 mm <sup>2</sup>			
wire end ferrule	Stripping length	min.	9 mm		
		max.	9 mm		
	Tightening torque	min.	0.5 Nm		
		max.	0.8 Nm		
Recommended wire-end ferrule					
Stripping length	9 mm				
Tightening torque, max.	1 Nm				
Tightening torque, min.	0.5 Nm				
Type of connection	Screw connection				
Wire connection cross section AWG, max.	AWG 12				
Wire connection cross section AWG, min.	AWG 22				

**Fuse terminals**

Cartridge fuse	G-Si. 5 x 20	Display	Red LED
Leakage current, max.	0.222 mA	Power loss for overload and short-circuit protection for a composite arrangement	1.6 W at 6.3 A @ 23°C
Power loss for overload and short-circuit protection for an individual arrangement	1.6 W at 6.3 A @ 29°C	Power loss for short-circuit protection only for a composite arrangement	2.5 W at 6.3 A @ 41°C
Power loss for short-circuit protection only for an individual arrangement	4.0 W at 6.3 A @ 44°C		

**General**

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

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**Technical data****PE rating data**

PEN function No

**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
Rated current	6.3 A	Standards	IEC 60947-7-1, IEC 60947-7-3
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
Surge voltage category	III		

**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 B (UR)	20 A
Current size C (UR)	20 A	Voltage size B (UR)	250 V
Voltage size C (UR)	300 V		

**Classifications**

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ETIM 9.0	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
ECLASS 12.0	27-14-11-16	ECLASS 13.0	27250113

**Important note**

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

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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Catalogue status 27.01.2024 / We reserve the right to make technical changes.