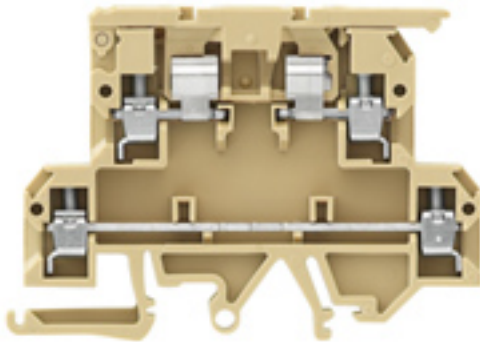


KDKS1EN/SMT 100-250VAC/DC BFI H-**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

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	Fuse terminal, Screw connection, dark beige, 4 mm ² , 6.3 A, 250 V, Number of levels: 2, TS 32, TS 35, V-O, Wemid, G-Si. 5 x 20
Order No.	9802760001
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	9915820001

Creation date November 26, 2024 12:30:04 PM CET

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Technical data
General ordering data

Local product	Only available in certain countries
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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
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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
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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 ²	
		max.	4 mm ²	
		nominal	4 mm ²	
	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 ²	
		max.	4 mm ²	
		nominal	4 mm ²	
	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 ²	
		max.	4 mm ²	
		nominal	4 mm ²	
	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	
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	
Power loss for short-circuit protection only for an individual arrangement	4.0 W at 6.3 A @ 44°C	1.6 W at 6.3 A @ 23°C	
		2.5 W at 6.3 A @ 41°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
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Rating data

Rated cross-section	4 mm ²	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	27-25-01-13
ECLASS 14.0	27-25-01-13		

Environmental Product Compliance

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

Important note

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

Approvals



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

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Technical data

Downloads

Approval/Certificate/Document of Conformity

[Declaration of Conformity](#)

User Documentation

[StorageConditionsTerminalBlocks](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures