

KDKS 1EN/LLC 30-70V AC/DC

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

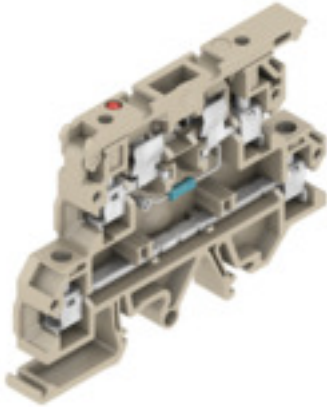
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Product image



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	W-Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection
Order No.	9908510001
Type	KDKS 1EN/LLC 30-70V AC/DC
GTIN (EAN)	4050118175325
Qty.	50 Stück

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Technische Daten

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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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					
Clamping range, max.	4 mm ²				
Clamping range, min.	0.22 mm ²				
Clamping screw	M 3				
Connection cross-section, finely stranded, max.	4 mm ²				
Connection cross-section, finely stranded, min.	0.5 mm ²				
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				
Tightening torque, max.	0.8 Nm				
Tightening torque, min.	0.5 Nm				
Twin wire-end ferrules, max.	1.5 mm ²				
Twin wire-end ferrules, min.	0.5 mm ²				
Type of connection	Screw connection				
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				

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Technische Daten

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm²

Wire connection cross-section, solid core, max. 4 mm²

Wire connection cross-section, solid core, min. 0.5 mm²

Fuse terminals

Cartridge fuse G-Si. 5 x 20

Leakage current, max. 0.192 mA

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 an individual arrangement 4.0 W at 6.3 A @ 44°C

Display Red LED

Power loss for overload and short-circuit protection for a composite arrangement 1.6 W at 6.3 A @ 23°C

Power loss for short-circuit protection only for a composite arrangement 2.5 W at 6.3 A @ 41°C

General

Rail TS 32, TS 35

PE rating data

PEN function No

Rating data

Rated cross-section 4 mm²

Rated voltage to adjoining terminal 500 V

Volume resistance according to IEC 60947-7-x 1 mΩ

Pollution severity 3

Rated voltage 70 V

Rated current 6.3 A

Power loss in accordance with IEC 60947-7-x 1.02 W

Surge voltage category III

UL rating data

Certificate No. (UR) E60693

Conductor size Factory wiring min. (UR) 26 AWG

Conductor size Field wiring min. (UR) 22 AWG

Current size C (UR) 20 A

Voltage size C (UR) 300 V

Conductor size Factory wiring max. (UR) 12 AWG

Conductor size Field wiring max. (UR) 12 AWG

Current size B (UR) 20 A

Voltage size B (UR) 250 V

Classifications

ETIM 6.0 EC000899

ETIM 8.0 EC000899

ECLASS 9.1 27-14-11-16

ECLASS 11.0 27-14-11-16

ETIM 7.0 EC000899

ECLASS 9.0 27-14-11-16

ECLASS 10.0 27-14-11-16

ECLASS 12.0 27-14-11-16

Important note

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

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Technische Daten

Approvals

Approvals



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

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, EPLAN
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Zeichnungen

