

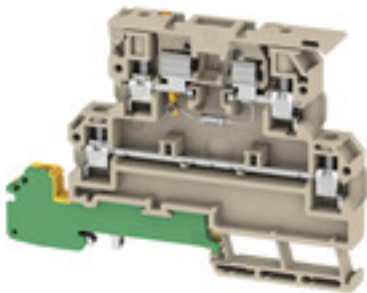
KDKS 1PE/LLC 100-250V AC/DC**Weidmüller Interface GmbH & Co. KG**

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	W-Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection
Order No.	1518370000
Type	KDKS 1PE/LLC 100-250V AC/DC
GTIN (EAN)	4050118325621
Qty.	50 pc(s).

Creation date March 8, 2023 12:52:36 PM CET

Catalogue status 03.03.2023 / 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	91 mm	Height (inches)	3.583 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	28.98 g		

Temperatures

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

Material data

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

System specifications

Version	Screw connection, Fuse isolator, With PE connection, One end without connector	End cover plate required	Yes
Number of potentials	3	Number of levels	3
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Explosion-tested version	No	Open sides	right
Type of mounting	Snap-on		

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.	1 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.	1 Nm		
Recommended wire-end ferrule					
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.	1 Nm		
Recommended wire-end ferrule					
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				

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
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Wire connection cross-section, solid core, max.	4 mm ²
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Wire connection cross-section, solid core, min.	0.5 mm ²
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Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Red LED
Leakage current, max.	0.089 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 35	Standards	IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22

PE rating data

Rated short-time current	300 A (2.5 mm ²)	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 current	6.3 A
Standards	IEC 60947-7-1, IEC 60947-7-2, 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	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

Important note

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

Approvals

Approvals



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

Downloads

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

Data sheet

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Drawings

