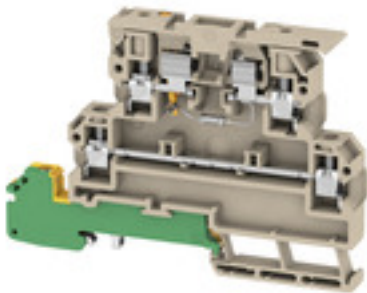


W-Series KDKS 1PE/LLC 30-70V AC/DC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Product image



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	KDKS 1PE/LLC 30-70V AC/DC
Order No.	1518330000
Version	W-Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection
GTIN (EAN)	4050118325607
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Width	8 mm	Width (inches)	0.315 inch
Height	91 mm	Height (inches)	3.583 inch
Depth	65 mm	Depth (inches)	2.559 inch
Net weight	29.3 g		

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °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	Tightening torque (clamping screw for copper conductors)	0.5...1 Nm
End cover plate required	Yes	Number of potentials	3
Number of levels	3	No. 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		

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Technical data
Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	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 with wire-end ferrules DIN 46228/1, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Red LED
Leakage current, max.	0.192 mA	Permitted power loss for fuse with semiconductor protection	
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
Power loss, 1-pole ; 2-pole ; 3-pole			

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	70 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	2 mΩ
Rated impulse withstand voltage	6 kV	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		

Data sheet

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Technical data

Classifications

ETIM 5.0	EC000900	ETIM 6.0	EC000899
eClass 6.2	27-14-11-28	eClass 7.1	27-14-11-28
eClass 8.1	27-14-11-16	eClass 9.0	27-14-11-16
eClass 9.1	27-14-11-16		

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1004_20160418_197_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN_WSCAD

Safety note

Safety notice [Safety Information](#)