

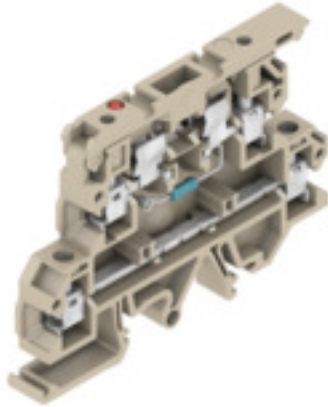
KDKS 1EN/LLC 100-250V AC/DC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	W-Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection
Order No.	9915820001
Type	KDKS 1EN/LLC 100-250V AC/DC
GTIN (EAN)	4050118175349
Qty.	50 pc(s).

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Technical data

Dimensions and weights

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

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					
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 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				

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Technical data

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	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 32, TS 35

PE rating data

PEN function No

Rating data

Power loss in accordance with IEC 60947-7-x	1.02 W	Rated cross-section	4 mm ²
Rated voltage	250 V	Rated voltage to adjoining terminal	500 V
Rated current	6.3 A	Volume resistance according to IEC 60947-7-x	1 mΩ
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
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

Approvals

Approvals



ROHS Conform

UL File Number Search E60693

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Technical data**Downloads**

Approval/Certificate/Document of Conformity	Declaration of Conformity Declaration of Conformity
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks