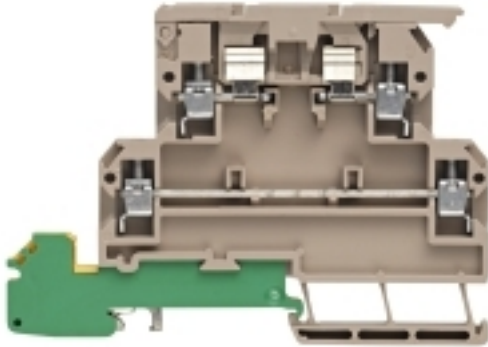


KDKS 1/PE/35 DB**Weidmüller Interface GmbH & Co. KG**

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.	9532450000
Type	KDKS 1/PE/35 DB
GTIN (EAN)	4032248039210
Qty.	50 pc(s).

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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	28.42 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

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1 mm ²

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	12400-281	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²
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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.	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
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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
Current at maximum wires	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		

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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

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Technical data

Downloads

Approval/Certificate/Document of Conformity	EAC certificate CE Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format