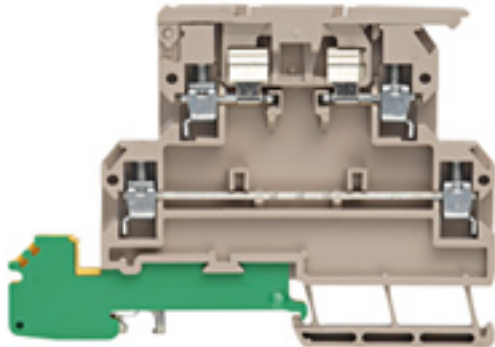


**W-Series**  
**KDKS 1/PE/35 DB**

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



This screw-fitting product portfolio offers space-saving multi-conductor wiring plus the connection of initiators and actuators. Identical profiles enable various products to be combined if necessary, and the use of the same accessories.

Convenient marking and cross-connection options plus different variants with LED and diode components round off the range.

#### General ordering data

Order No.	<a href="#">9532450000</a>
Type	KDKS 1/PE/35 DB
Version	W-Series, Fuse terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection, Polyamide, Direct mounting
GTIN (EAN)	4032248039210
Qty.	50 pc(s).

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**Technical data**
**Dimensions and weights**

Length	91 mm	Width	8 mm
Height	65 mm	Net weight	31.06 g

**Temperatures**

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C

**Additional technical data**

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on	Version	Screw connection, Fuse isolator, With PE connection, One end without connector

**CSA ratings data**

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

**Clampable wires (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm <sup>2</sup>
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**Clampable wires (rated connection)**

Type of connection	Screw connection	Stripping length	9 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	3	Clamping range, rated connection, min.	0.33 mm <sup>2</sup>
Clamping range, rated connection, max.	4 mm <sup>2</sup>	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	1 Nm
Torque level with DMS electric screwdriver	2	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 12

**Rated data**

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	6.3 A
Current at maximum wires	6.3 A	Standards	IEC 60947-7-1 (-7-2)
Pollution severity	3		

Creation date May 6, 2013 3:20:00 PM CEST

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**Technical data**

**UL ratings data**

Certificate No. (UR)	E60693VOL1SEC18	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG

**Material data**

Insulating material	Polyamide	Material	PA 66
Colour	Beige	UL 94 flammability rating	V-0

**System specifications**

Product family	W-Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	2
Number of connections	3	Levels cross-connected internally	No
End cover plate required	Yes		

**Classifications**

ETIM 2.0	EC000903	ETIM 3.0	EC000899
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-28
eClass 5.1	27-14-11-28	eClass 6.2	27-14-11-28
eClass 7.1	27-14-11-28		

**Approvals**

Approvals



ROHS Conform