W-Series
KDKS 1/EN4 O.TNHE

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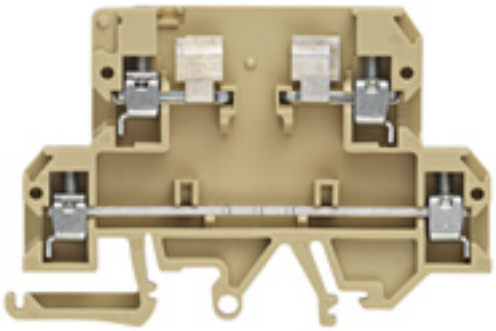

This screw-fitting product portfolio offers space-saving multi-conductor wiring plus the connection of initiators and actuators. Identical profiles enable various products to be combined if necessary, and the use of the same accessories.
Convenient marking and cross-connection options plus different variants with LED and diode components round off the range.

General ordering data

Order No.	9509640000
Type	KDKS 1/EN4 O.TNHE
Version	W-Series, Fuse terminal, Rated cross-section: 4 mm², Screw connection, Polyamide, Direct mounting
GTIN (EAN)	5027357067093
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Length	91 mm	Width	8 mm
Height	65 mm	Net weight	20.28 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, One end without connector

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 mm²
Clamping range, rated connection, max.	4 mm²	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 mm²	Wire connection cross section, solid core max. rated connection	4 mm²
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 12

Rated data

Rated cross-section	4 mm²	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		

Material data

Insulating material	Polyamide	Material	PA 66
Colour	Beige	UL 94 flammability rating	V-2

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
Mounting rail	TS 35, TS 32	End cover plate required	Yes

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Classifications

ETIM 3.0	EC000899	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-16	eClass 6.2	27-14-11-27
eClass 7.1	27-14-11-27		

Approvals

Approvals	ME25
ROHS	Conform