

## MKDSN 1,5/ 5-5,08


Order No.: 1729157

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1729157>

PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 400 V,  
Pitch: 5.08 mm, Number of positions: 5, Connection method: Screw  
connection, Mounting: Soldering, Conductor/PCB connection direction:  
0 °, Color: green

### Commercial data

EAN	 4 017918 026028
Pack	250
Customs tariff	85369010
Gross weight in pieces	4.50 g
Country of Origin	DE
Catalog page information	Page 91 (CAT-1-2013)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003

Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions

Length	8.1 mm
Pitch	5.08 mm
Dimension a	20.32 mm
Pin dimensions	0,5 x 1 mm
Hole diameter	1.3 mm

**General**

Range of articles	MKDSN 1,5
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	13.5 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	13.5 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A 1
Stripping length	6 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	10 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A
Number of positions	5
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

**Connection data**

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1 mm <sup>2</sup>

Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.75 mm <sup>2</sup>
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	14

### Certificates



Certification

CSA, cULus Recognized, GOST, SEV, GL, RS, CCA, IECCEB CB Scheme

Certifications applied for:

Certification Ex:

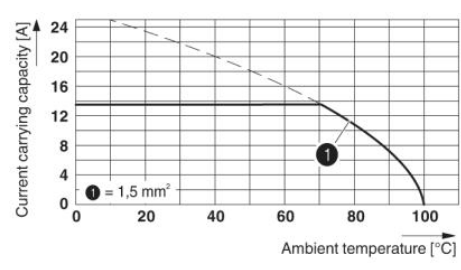
**Accessories**

Item	Designation	Description
<b>Marking</b>		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804293	SK 5,08/3,8:FORTL.ZAHLEN	Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5.08 mm
0805085	SK 5,08/3,8:SO	Marker cards, white, Mounting type: Adhesive, For terminal block width: 5.08 mm
0805412	SK 5,08/3,8:UNBEDRUCKT	Marker cards, Card, white, Unlabeled, Can be labeled with: Marker pen, Mounting type: Adhesive, For terminal block width: 5.08 mm

<b>Tools</b>		
1205053	SZS 0,6X3,5	Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

**Drawings**

**Diagram**



**Address**

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