

## MKDSN 1,5/10-5,08

Order No.: 1729209

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1729209>

PC terminal block, Nominal current: 13.5 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Type of connection: Screw connection, Assembly: Soldering, Conductor/PCB connection direction: 0 °, Color: green

### Commercial data

EAN	4017918026073
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.009744 KG
Catalog page information	Page 59 (CC-2009)

### Product notes

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



<http://www.download.phoenixcontact.com>  
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### Technical data

#### Dimensions / positions

Length	8.1 mm
Pitch	5.08 mm
Dimension a	45.72 mm

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Number of positions	10
Pin dimensions	0,5 x 1 mm
Hole diameter	1.3 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

**Technical data**

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/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	13.5 A
Nominal voltage $U_N$	250 V
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	13.5 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A1
Stripping length	6 mm

**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.	1.5 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.	1 mm <sup>2</sup>

#### Certificates / Approvals



Certification

CB, CCA, CSA, CUL, GL, GOST, SEV, UL

#### CSA

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	28-14

#### CUL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	30-14

#### UL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	30-14

**Accessories**

Item	Designation	Description
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**Marking**

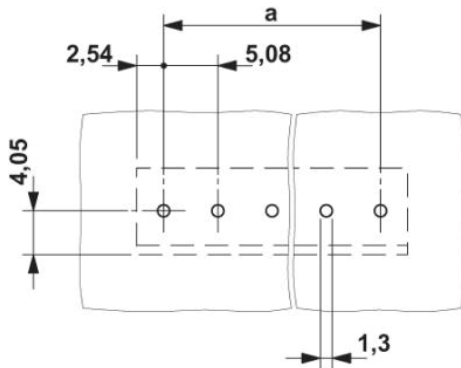
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804293	SK 5,08/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
0805085	SK 5,08/3,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white
0805412	SK 5,08/3,8:UNBEDRUCKT	Marker cards, unprinted, with pitch divisions, self-adhesive, 10-section marker strips, 12 strips per card, can be labeled with the M-PEN

**Tools**

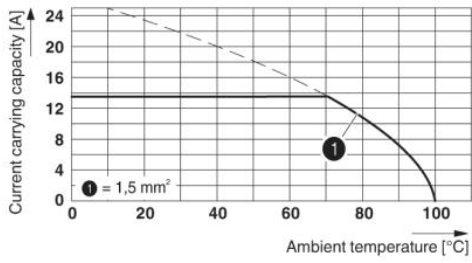
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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**Diagrams/Drawings**

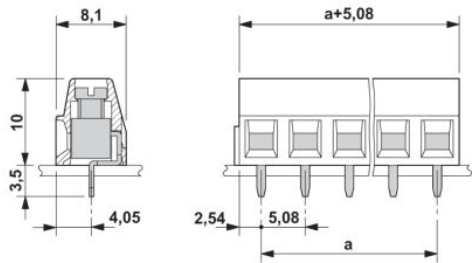
Drilling plan/solder pad geometry



Diagram



Dimensioned drawing



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