

## MKDSP 10N/ 2-10,16

Order No.: 1773976

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PC terminal block, Nominal current: 76 A, Nom. voltage: 690 V,  
Pitch: 10.16 mm, Number of positions: 2, Type of connection: Screw  
connection, Assembly: Soldering, Conductor/PCB connection  
direction: 0 °, Color: green

### Commercial data

EAN	4046356481427
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.01578 KG
Product key	05530
Catalog page information	Page 323 (CC-2009)

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www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
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### Technical data

#### Dimensions / positions

Pitch	10.16 mm
Dimension a	10.16 mm
Number of positions	2
Pin dimensions	1 x 0,9 mm
Hole diameter	1.5 mm
Screw thread	M4
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm

**Technical data**

Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	76 A
Nominal voltage $U_N$	690 V
Nominal cross section	16 mm <sup>2</sup>
Maximum load current	76 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	B6
Stripping length	10 mm

**Connection data**

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	4 mm <sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 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.	6 mm <sup>2</sup>

### Certificates / Approvals

Certification CUL, UL

#### CUL

Nominal voltage U <sub>N</sub>	600 V
Nominal current I <sub>N</sub>	60 A
AWG/kcmil	20-6

#### UL

Nominal voltage U <sub>N</sub>	600 V
Nominal current I <sub>N</sub>	60 A
AWG/kcmil	20-6

### Accessories

Item	Designation	Description
<b>Plug/Adapter</b>		
0201744	MPS-MT	Metal part for test connector
0201647	RPS	Reducing plug, Color: gray
<b>Tools</b>		
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

**Address**

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