

**MKDSP 10N/ 3-10,16**

Order No.: 1774137



PC terminal block, Nominal current: 76 A, Nom. voltage: 690 V, Pitch: 10.16 mm, Number of positions: 3, Type of connection: Screw connection, Assembly: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

**Commercial data**

GTIN (EAN)	4046356481588
sales group	E530
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.022838 KG
Catalog page information	Page 323 (CC-2009)

**Product notes**

WEEE/RoHS-compliant since:  
06/12/2009



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**Technical data****Dimensions / positions**

Pitch	10.16 mm
Dimension a	20.32 mm
Number of positions	3

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 (with 16 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	B6
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	60 A
Nominal voltage, UL/CUL Use Group C	300 V
Nominal current, UL/CUL Use Group C	60 A
Nominal voltage, UL/CUL Use Group D	600 V
Nominal current, UL/CUL Use Group D	5 A

#### 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>
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	6

### Certificates / Approvals



Certification CUL, UL

#### CUL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	5 A
AWG/kcmil	20-6

#### UL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	5 A
AWG/kcmil	20-6

## Accessories

Item	Designation	Description
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### Plug/Adapter

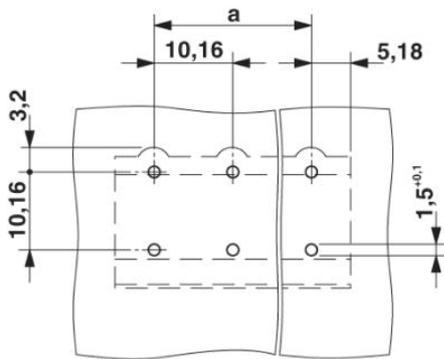
0201744	MPS-MT	Metal part
0201647	RPS	Reducing plug, Color: gray

### Tools

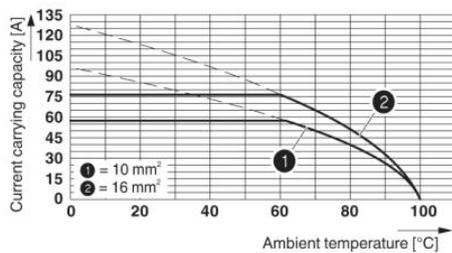
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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## Diagrams/Drawings

Drilling plan/solder pad geometry



Diagram



**Type: MKDSP 10/...-10,16**

Test following DIN EN 60512-5-2:2003-01

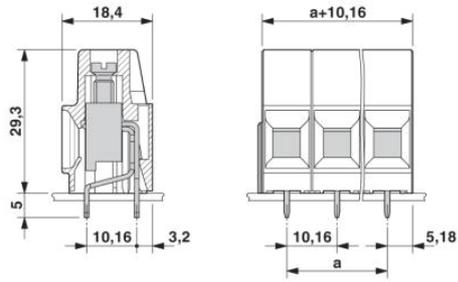
Reduction factor = 1

No. of positions: 5

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Dimensioned drawing

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**Address**

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