# PCB terminal block - MKDSP 10N/ 4-10,16 - 1774234

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PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 10.16 mm, Number of positions: 4, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

## Key commercial data

| | |
|---|---|
| Packing unit | 0 |
| Minimum order quantity | 1 |
| GTIN | 4 046356 481687 |
| Custom tariff number | 85369010 |
| Country of origin | POLAND |

## Technical data

### Dimensions / positions

| | |
|---|---|
| Length | 18.8 mm |
| Height | 31 mm |
| Pitch | 10.16 mm |
| Dimension a | 30.48 mm |
| Number of positions | 4 |
| 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

| | |
|---|---|
| Range of articles | MKDSP 10N |
| 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/3) | 690 V |

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## Technical data

### Technical data

| | |
|---|---|
| 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 cross section | 10 mm² |
| Maximum load current | 76 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | B 6 |
| 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 mm² |
| Conductor cross section solid max. | 16 mm² |
| Conductor cross section stranded min. | 0.5 mm² |
| Conductor cross section stranded max. | 16 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.5 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 16 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.5 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 16 mm² |
| Conductor cross section AWG/kcmil min. | 20 |
| Conductor cross section AWG/kcmil max | 6 |
| 2 conductors with same cross section, solid min. | 0.5 mm² |
| 2 conductors with same cross section, solid max. | 4 mm² |
| 2 conductors with same cross section, stranded min. | 0.5 mm² |
| 2 conductors with same cross section, stranded max. | 4 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 2.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 6 mm² |

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## Technical data

### Connection data

| | |
|---|---|
| Minimum AWG according to UL/CUL | 20 |
| Maximum AWG according to UL/CUL | 6 |

## Classifications

### ETIM

| | |
|---|---|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

### UNSPSC

| | |
|---|---|
| UNSPSC 11 | 39121432 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |
| UNSPSC 6.01 | 30211801 |
| UNSPSC 7.0901 | 39121432 |

### eCl@ss

| | |
|---|---|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |

## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / GOST / VDE Gutachten mit Fertigungsüberwachung / CCA / IECEE CB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

# PCB terminal block - MKDSP 10N/ 4-10,16 - 1774234

## Approvals

UL Recognized

| | B | C | D |
|---|---|---|---|
| mm²/AWG/kcmil | 20-6 | 20-6 | 20-6 |
| Nominal current IN | 60 A | 60 A | 5 A |
| Nominal voltage UN | 300 V | 300 V | 600 V |

cUL Recognized

| | B | C | D |
|---|---|---|---|
| mm²/AWG/kcmil | 20-6 | 20-6 | 20-6 |
| Nominal current IN | 60 A | 60 A | 5 A |
| Nominal voltage UN | 300 V | 300 V | 600 V |

GOST

VDE Gutachten mit Fertigungsüberwachung

| | |
|---|---|
| mm²/AWG/kcmil | 0.5-16 |
| Nominal current IN | 76 A |
| Nominal voltage UN | 1000 V |

CCA

| | |
|---|---|
| mm²/AWG/kcmil | 0.5-16 |
| Nominal current IN | 76 A |
| Nominal voltage UN | 1000 V |

IECEE CB Scheme

| | |
|---|---|
| mm²/AWG/kcmil | 0.5-16 |
| Nominal current IN | 76 A |
| Nominal voltage UN | 1000 V |

# PCB terminal block - MKDSP 10N/ 4-10,16 - 1774234

## Approvals

cULus Recognized

## Accessories

### Accessories

### Plug/Adapter

Test plugs - MPS-MT - 0201744

Test plugs

Reducing plug - RPS - 0201647

Reducing plug, Color: gray

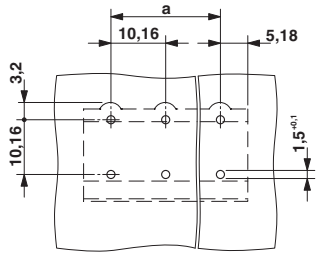
### Tools

Screwdriver - SZS 0,6X3,5 - 1205053

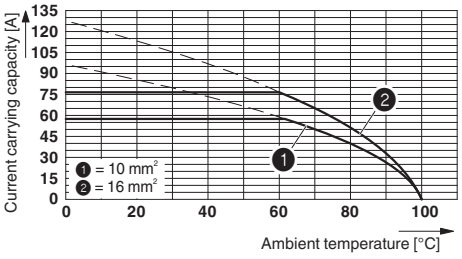
Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

## Drawings

Drilling diagram




Diagram

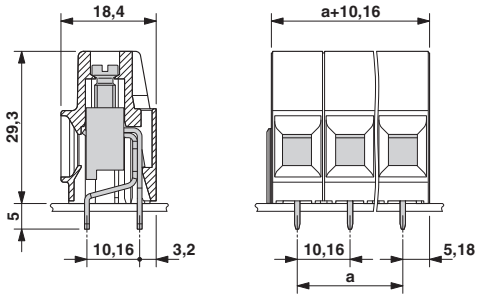



Type: MKDSP 10N/...-10,16

# PCB terminal block - MKDSP 10N/ 4-10,16 - 1774234

Tested in accordance with DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5

Dimensioned drawing



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