# PCB terminal block - MKDS 10 HV/ 5-ZB-10,16 BD:NZH1 - 1723599

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PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 10.16 mm, Number of positions: 5, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

## Key commercial data

| | |
|---|---|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 40.89 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

## Technical data

### Dimensions

| | |
|---|---|
| Length | 18.8 mm |
| Height | 31 mm |
| Pitch | 10.16 mm |
| Dimension a | 40.64 mm |
| Pin dimensions | 1 x 0,9 mm |
| Hole diameter | 1.5 mm |

### General

| | |
|---|---|
| Range of articles | MKDS 10 HV |
| Rated surge voltage (III/3) | 8 kV |
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 8 kV |
| Rated voltage (III/3) | 800 V |
| 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 |
| Solder pin surface | Sn |
| Internal cylindrical gage | B6 |
| Stripping length | 10 mm |
| Number of positions | 5 |

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## Technical data

### General

| | |
|---|---|
| Screw thread | M4 |
| Tightening torque, min | 1.2 Nm |
| Tightening torque max | 1.5 Nm |

### Connection data

| | |
|---|---|
| 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. | 6 mm² |
| 2 conductors with same cross section, stranded min. | 0.5 mm² |
| 2 conductors with same cross section, stranded max. | 6 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. | 4 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 |
| Minimum AWG according to UL/CUL | 20 |
| Maximum AWG according to UL/CUL | 6 |

## Classifications

### 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 |
| eCl@ss 8.0 | 27440401 |

### ETIM

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

### UNSPSC

| | |
|---|---|
| UNSPSC 6.01 | 30211801 |

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

UL Recognized

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

cUL Recognized

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

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## Approvals

GOST

cULus Recognized

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