

## PCB terminal block - MKDS 5 HV/ 3-9,52-Z SZS - 1757002

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PCB terminal block, Nominal current: 32 A, Nom. voltage: 1000 V, Pitch: 9.52 mm, Number of positions: 3, 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    |
| Custom tariff number   | 85366990 |
| Country of origin      | Germany  |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 19.04 mm     |
| Height         | 21.5 mm      |
| Pitch          | 9.52 mm      |
| Dimension a    | 19.04 mm     |
| Pin dimensions | 0,9 x 0,9 mm |
| Hole diameter  | 1.3 mm       |

#### General

|                                  |                   |
|----------------------------------|-------------------|
| Range of articles                | MKDS 5 HV         |
| 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)            | 800 V             |
| Rated voltage (III/2)            | 1000 V            |
| Rated voltage (II/2)             | 1000 V            |
| Connection in acc. with standard | EN-VDE            |
| Nominal current $I_N$            | 32 A              |
| Nominal cross section            | 4 mm <sup>2</sup> |
| Solder pin surface               | Sn                |
| Internal cylindrical gage        | A4                |
| Stripping length                 | 8 mm              |
| Number of positions              | 3                 |
| Screw thread                     | M3                |

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## Technical data

### General

|                        |        |
|------------------------|--------|
| Tightening torque, min | 0.5 Nm |
| Tightening torque max  | 0.6 Nm |

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section AWG/kcmil min.  | 24                   |
| Conductor cross section AWG/kcmil max   | 10                   |
| 2 conductors with same cross section, solid min.  | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.  | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1.5 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.   | 0.75 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. | 2.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL   | 30                   |
| Maximum AWG according to UL/CUL   | 10                   |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141111 |
| 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 |
| UNSPSC 7.0901 | 39121432 |

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / cUL Recognized / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted


## Approval details

|                                |       |       |
|--------------------------------|-------|-------|
| UL Recognized                  |       |       |
|                                | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 30-10 | 30-10 |
| Nominal current I <sub>N</sub> | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |


|                                |       |       |
|--------------------------------|-------|-------|
| cUL Recognized                 |       |       |
|                                | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 30-10 | 30-10 |
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## Approvals

|  |       |       |
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|  | B     | C     |
| mm <sup>2</sup> /AWG/kcmil   | 30-10 | 30-10 |
| Nominal current I <sub>N</sub>   | 30 A  | 30 A  |
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|  |
|--|
| GOST  |
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| cULus Recognized  |
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