


## PCB terminal block - MKDSP 3/ 4 - 1714133

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Printed circuit terminal block, nominal current: 24 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 4, mounting: Soldering, type of connection: Screw connection, connection direction from the conductor to the PCB: 0°

### Key commercial data

|                                      |                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 pc                                                                                                 |
| Minimum order quantity               | 50 pc                                                                                                 |
| GTIN                                 | <br>4 017918 240257 |
| Weight per Piece (excluding packing) | 8.06 g                                                                                                |
| Custom tariff number                 | 85369010                                                                                              |
| Country of origin                    | Germany                                                                                               |
| Note                                 | Made to Order (non-returnable)                                                                        |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 12.8 mm      |
| Pitch          | 5 mm         |
| Dimension a    | 15 mm        |
| Pin dimensions | 0,9 x 0,9 mm |
| Hole diameter  | 1.3 mm       |

#### General

|                                  |                     |
|----------------------------------|---------------------|
| Range of articles                | MKDSP 3             |
| Rated surge voltage (III/3)      | 4 kV                |
| Rated surge voltage (III/2)      | 4 kV                |
| Rated surge voltage (II/2)       | 4 kV                |
| Rated voltage (III/3)            | 250 V               |
| Rated voltage (III/2)            | 400 V               |
| Rated voltage (II/2)             | 630 V               |
| Connection in acc. with standard | EN-VDE              |
| Nominal current $I_N$            | 24 A                |
| Nominal cross section            | 2.5 mm <sup>2</sup> |
| Solder pin surface               | Sn                  |
| Internal cylindrical gage        | A3                  |
| Stripping length                 | 8 mm                |
| Number of positions              | 4                   |
| 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                                                   | 12                   |
| 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. | 1.5 mm <sup>2</sup>  |

## 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 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 39121432 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121432 |

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## Approvals

### Approvals

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#### Approvals

CSA / UL Recognized / SEV / cUL Recognized / CCA / EAC / cULus Recognized

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#### Ex Approvals


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#### Approvals submitted


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### Approval details

|                                                                                        |       |       |
|----------------------------------------------------------------------------------------|-------|-------|
| CSA  |       |       |
|                                                                                        | B     | D     |
| mm <sup>2</sup> /AWG/kcmil                                                             | 28-12 | 28-12 |
| Nominal current I <sub>N</sub>                                                         | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                         | 300 V | 300 V |

|                                                                                                   |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                   | B     | D     |
| mm <sup>2</sup> /AWG/kcmil                                                                        | 30-12 | 30-12 |
| Nominal current I <sub>N</sub>                                                                    | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 250 V | 300 V |

|                                |       |
|--------------------------------|-------|
| SEV                            |       |
| mm <sup>2</sup> /AWG/kcmil     | 4     |
| Nominal voltage U <sub>N</sub> | 250 V |


|                                                                                                    |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  |       |       |
|                                                                                                    | B     | D     |
| mm <sup>2</sup> /AWG/kcmil                                                                         | 30-12 | 30-12 |
| Nominal current I <sub>N</sub>                                                                     | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 250 V | 300 V |

## PCB terminal block - MKDSP 3/ 4 - 1714133

### Approvals

|                            |       |
|----------------------------|-------|
| CCA                        |       |
|                            |       |
| mm <sup>2</sup> /AWG/kcmil | 4     |
| Nominal voltage UN         | 250 V |

|     |
|-----|
| EAC |
|-----|

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|----------------------------------------------------------------------------------------------------|