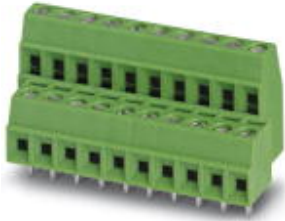


## PCB terminal block - MKKDS 1/15-3,5 - 1751523

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PCB terminal block, Nominal current: 8 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 15, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green


The figure shows a 10-pos. version with 20 contacts

### Product Features

- Double-level type with high packing and connection density
- Offset levels for optimum access to the terminal points



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 017918 115944 |
| Weight per Piece (excluding packing) | 18.06 GRM   |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 16.3 mm      |
| Height         | 16.2 mm      |
| Pitch          | 3.5 mm       |
| Dimension a    | 49 mm        |
| Pin dimensions | 0,5 x 0,9 mm |
| Hole diameter  | 1.1 mm       |

#### General

|                   |         |
|-------------------|---------|
| Range of articles | MKKDS 1 |
|-------------------|---------|

## PCB terminal block - MKKDS 1/15-3,5 - 1751523

### Technical data

#### General

|   |                   |
|---|-------------------|
| Insulating material group               | I                 |
| Rated surge voltage (III/3)             | 2.5 kV            |
| Rated surge voltage (III/2)             | 2.5 kV            |
| Rated surge voltage (II/2)              | 2.5 kV            |
| Rated voltage (III/3)                   | 160 V             |
| Rated voltage (III/2)                   | 200 V             |
| Rated voltage (II/2)                    | 400 V             |
| Connection in acc. with standard        | EN-VDE            |
| Nominal current $I_N$                   | 8 A               |
| Nominal cross section                   | 1 mm <sup>2</sup> |
| Maximum load current                    | 10 A              |
| Insulating material                     | PA                |
| Solder pin surface                      | Sn                |
| Inflammability class according to UL 94 | V0                |
| Stripping length                        | 5 mm              |
| Number of positions                     | 15                |
| Screw thread                            | M2                |
| Tightening torque, min                  | 0.22 Nm           |
| Tightening torque max                   | 0.25 Nm           |

#### Connection data

|  |                      |
|--|----------------------|
| Conductor cross section solid min.   | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.   | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 1 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 0.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 0.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 26                   |
| Conductor cross section AWG/kcmil max                                      | 16                   |
| 2 conductors with same cross section, solid min.                           | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                           | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                        | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                        | 0.2 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL  | 30                   |
| Maximum AWG according to UL/CUL  | 16                   |

# PCB terminal block - MKKDS 1/15-3,5 - 1751523

## 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 |

## Approvals

### Approvals

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#### Approvals

CSA / UL Recognized / SEV / cUL Recognized / GOST / CCA / IECCEB Scheme / GOST / SEV / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

# PCB terminal block - MKKDS 1/15-3,5 - 1751523

## Approvals

|                            |       |       |
|----------------------------|-------|-------|
| CSA                        |       |       |
|                            | B     | D     |
| mm <sup>2</sup> /AWG/kcmil | 28-16 | 28-16 |
| Nominal current IN         | 10 A  | 10 A  |
| Nominal voltage UN         | 150 V | 300 V |

|                            |       |       |
|----------------------------|-------|-------|
| UL Recognized              |       |       |
|                            | B     | D     |
| mm <sup>2</sup> /AWG/kcmil | 30-16 | 30-16 |
| Nominal current IN         | 10 A  | 10 A  |
| Nominal voltage UN         | 300 V | 300 V |

|                            |  |       |
|----------------------------|--|-------|
| SEV                        |  |       |
|                            |  |       |
| mm <sup>2</sup> /AWG/kcmil |  | 1.5   |
| Nominal current IN         |  | 10 A  |
| Nominal voltage UN         |  | 125 V |

|                            |       |       |
|----------------------------|-------|-------|
| cUL Recognized             |       |       |
|                            | B     | D     |
| mm <sup>2</sup> /AWG/kcmil | 30-16 | 30-16 |
| Nominal current IN         | 10 A  | 10 A  |
| Nominal voltage UN         | 300 V | 300 V |

|      |  |  |
|------|--|--|
| GOST |  |  |
|------|--|--|

|     |  |  |
|-----|--|--|
| CCA |  |  |
|-----|--|--|

# PCB terminal block - MKKDS 1/15-3,5 - 1751523

## Approvals

IECEE CB Scheme

GOST

SEV

mm<sup>2</sup>/AWG/kcmil

1.5

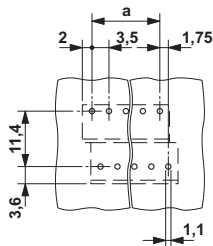
Nominal voltage UN

125 V

cULus Recognized

## Drawings

Drilling diagram



Dimensioned drawing

