

## PCB terminal block - EMKDSV 2,5/ 3-5,08 - 1889848

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PCB terminal block, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 3, Connection method: Screw connection with tension sleeve, Mounting: Press-in technology, Conductor/PCB connection direction: 0 °, Color: green



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 50 pc    |
| Weight per Piece (excluding packing) | 6.56 g   |
| Custom tariff number                 | 85369010 |
| Country of origin                    | Poland   |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length                   | 11.62 mm |
| Pitch                    | 5.08 mm  |
| Dimension a              | 10.16 mm |
| Constructional height    | 18 mm    |
| Length of the solder pin | 3.8 mm   |
| Pin dimensions           | 1,4 mm   |
| Hole diameter            | 1.45 mm  |

#### General

|                                  |              |
|----------------------------------|--------------|
| Range of articles                | EMKDS(V) 2,5 |
| 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)            | 250 V        |
| Rated voltage (III/2)            | 400 V        |
| Rated voltage (II/2)             | 630 V        |
| Connection in acc. with standard | EN-VDE       |
| Nominal current I <sub>N</sub>   | 12 A         |

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## Technical data

### General

|                           |                     |
|---------------------------|---------------------|
| Nominal cross section     | 2.5 mm <sup>2</sup> |
| Solder pin surface        | Sn                  |
| Internal cylindrical gage | A3                  |
| Stripping length          | 8 mm                |
| Number of positions       | 3                   |
| Screw thread              | M3                  |
| Tightening torque, min    | 0.5 Nm              |
| Tightening torque max     | 0.6 Nm              |

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section AWG min.  | 26                   |
| Conductor cross section AWG max.  | 16                   |
| 2 conductors with same cross section, solid min.  | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.  | 0.75 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.                                     | 0.75 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.   | 0.5 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>  |

### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

## 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 |
| eCl@ss 9.0 | 27440401 |

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### Classifications

#### 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 |