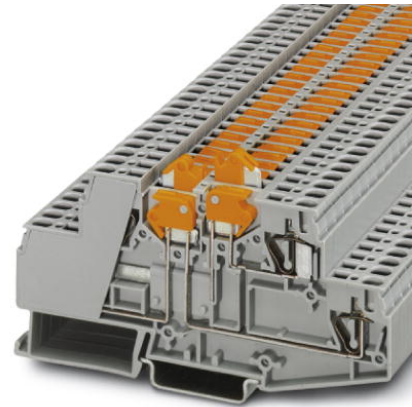




Extract from the online catalog

# ZDMTK 2,5

Order No.: 3005798



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3005798>

Disconnect and test disconnect terminal block, Connection type: Spring-cage connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, Nominal current: 16 A, Nominal voltage: 400 V, Length: 107 mm, Width: 6.2 mm, Color: gray

| Commercial data          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918146993      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.025907 KG        |
| Catalog page information | Page 119 (CL-2009) |

### Product notes

WEEE/RoHS-compliant since: 01/01/2003



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

| General               |      |
|-----------------------|------|
| Number of levels      | 2    |
| Number of connections | 4    |
| Color                 | gray |

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|                                    |    |
|------------------------------------|----|
| Insulating material                | PA |
| Inflammability class acc. to UL 94 | V0 |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 107 mm  |
| Height NS 35/7,5 | 55 mm   |
| Height NS 35/15  | 62.5 mm |

#### Technical data

|                                  |   |
|----------------------------------|---|
| Maximum load current             | 20 A (with 4 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage              | 6 kV  |
| Pollution degree                 | 3   |
| Surge voltage category           | III   |
| Insulating material group        | I   |
| Connection in acc. with standard | IEC 60947-7-1   |
| Nominal current I <sub>N</sub>   | 16 A  |
| Nominal voltage U <sub>N</sub>   | 400 V   |

#### Connection data

|   |                        |
|---|------------------------|
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>    |
| Conductor cross section solid max.  | 4 mm <sup>2</sup>      |
| Conductor cross section stranded min.   | 0.2 mm <sup>2</sup>    |
| Conductor cross section stranded max.   | 2.5 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.  | 24                     |
| Conductor cross section AWG/kcmil max   | 12                     |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.14 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.14 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm <sup>2</sup>    |
| Type of connection  | Spring-cage connection |
| Stripping length  | 10 mm                  |

**Certificates / Approvals**



Certification CUL, PRS, UL

**CUL**

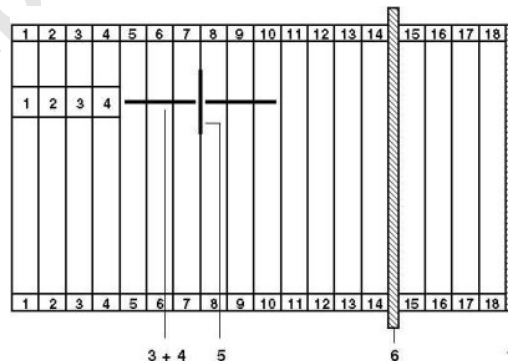
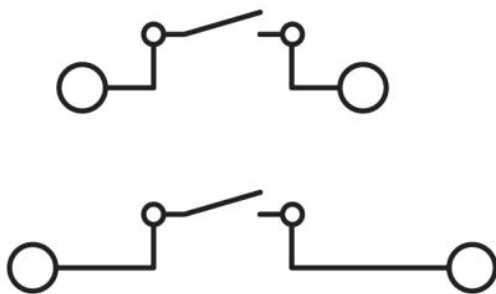
|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |
| AWG/kcmil             | 26-12 |

**UL**

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |
| AWG/kcmil             | 26-12 |

**Drawings**

Circuit diagram



- 1 = cover
- 3 = fixed bridge
- 4 = plug-in bridge
- 5 = separating plate
- 6 = partition plate

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