

**PTSM 0,5/ 4-P-2,5**

Order No.: 1778858



Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V,  
Number of positions: 4, Pitch: 2.5 mm, Color: black, Metal surface: Sn

**Commercial data**

|                          |                     |
|--------------------------|---------------------|
| EAN                      | 4046356530064       |
| Pack                     | 250                 |
| Customs tariff           | 85369010            |
| Weight/Piece             | 1.10 g              |
| Country of Origin        | DE                  |
| Catalog page information | Page 183 (NTK-2010) |

**Product notes**

WEEE/RoHS-compliant since:  
17/09/2009



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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

**Technical data****Dimensions / positions**

|                     |        |
|---------------------|--------|
| Pitch               | 2.5 mm |
| Dimension a         | 7.5 mm |
| Number of positions | 4      |

**Technical data**

|                   |                |
|-------------------|----------------|
| Range of articles | PTSM 0,5/...-P |
|-------------------|----------------|

|                                    |                     |
|------------------------------------|---------------------|
| 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/2)              | 160 V               |
| Rated voltage (II/2)               | 320 V               |
| Connection in acc. with standard   | EN-VDE              |
| Nominal current $I_N$              | 6 A                 |
| Nominal voltage $U_N$              | 100 V               |
| Nominal cross section              | 0.5 mm <sup>2</sup> |
| Maximum load current               | 6 A                 |
| Insulating material                | PA                  |
| Inflammability class acc. to UL 94 | V0                  |
| Stripping length                   | 6 mm                |

#### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 0.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                      | 0.5 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 AWG/kcmil min.                                     | 24                   |
| Conductor cross section AWG/kcmil max                                      | 20                   |

#### Accessories

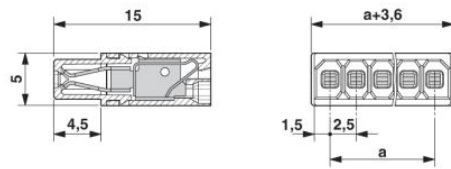
| Item         | Designation | Description                                                                                            |
|--------------|-------------|--------------------------------------------------------------------------------------------------------|
| <b>Tools</b> |             |                                                                                                        |
| 1205202      | SZS 0,4X2,0 | Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap |

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## Drawings

### Dimensioned drawing

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**Address**

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