

## PTSA 0,5/ 7-2,5-Z

Order No.: 1990054

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1990054>

Pcb terminal, number of poles: 7, pitch: 2.5 mm, U = 160 V, I = 2 A,  
cross section: 0.5 mm<sup>2</sup>

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918973629      |
| Pack                     | 100 Pcs.           |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.0029 KG          |
| Catalog page information | Page 407 (CC-2007) |

### Product notes

WEEE/RoHS-compliant since:  
01/29/2004



[http://  
www.download.phoenixcontact.com](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

#### Dimensions / positions

|                     |            |
|---------------------|------------|
| Pitch               | 2.5 mm     |
| Number of positions | 7          |
| Pin dimensions      | 0,4 x 0,75 |
| Pin spacing         | 2.5 mm     |

#### Technical data

|                                  |                     |
|----------------------------------|---------------------|
| 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)            | 250 V               |
| Rated voltage (II/2)             | 250 V               |
| Connection in acc. with standard | EN-VDE              |
| Nominal current $I_N$            | 2 A                 |
| Nominal voltage $U_N$            | 160 V               |
| Nominal cross section            | 0.5 mm <sup>2</sup> |
| Maximum load current             | 2 A                 |
| Stripping length                 | 8 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 AWG/kcmil min. | 24                   |
| Conductor cross section AWG/kcmil max  | 20                   |

#### Certificates / Approvals



#### CUL

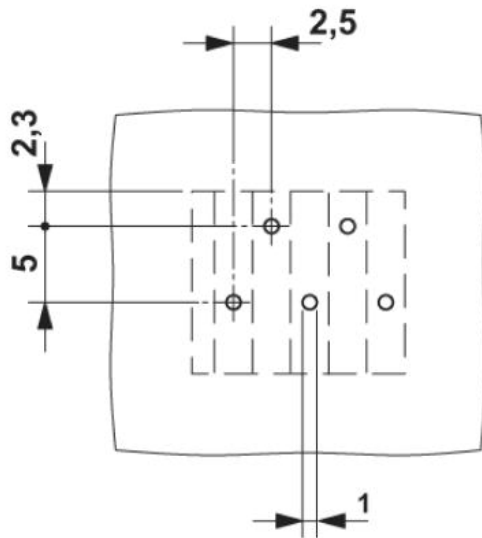
|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 2 A   |
| AWG/kcmil             | 26-20 |

#### UL

|                       |                       |
|-----------------------|-----------------------|
| Nominal voltage $U_N$ | 300 V                 |
| Nominal current $I_N$ | 2 A                   |
| AWG/kcmil             | 26-20                 |
| Certification         | CCA, CUL, UL, VDE-PZI |

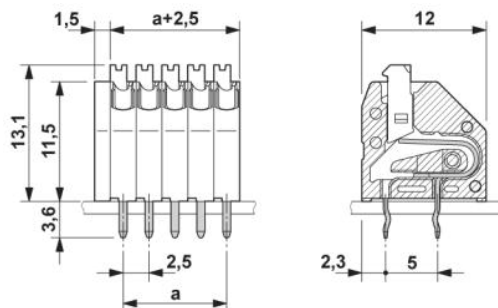
## Drawings

### Drilling diagram



The illustration shows the 5-pos. version – Zig-zag pinning starts at the right-hand position. Other pinning available on request.

### Dimensioned drawing



The illustration shows the 5-pos. version

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