

**PTSM 0,5/ 6-2,5-H THR R32**

Order No.: 1770924

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1770924>

PC terminal block, Nominal current: 6 A, Nom. voltage: 63 V, Pitch: 2.5 mm, Number of positions: 6, Type of connection: Spring-cage conn., Assembly: SMD/THT/THR, Conductor/PCB connection direction: 0 °, Color: black

**Commercial data**

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4046356459501      |
| Pack                     | 530 pcs.           |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.00217 KG         |
| Catalog page information | Page 463 (CC-2009) |

**Product notes**

WEEE/RoHS-compliant since:  
02/19/2010



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

|             |         |
|-------------|---------|
| Length      | 10 mm   |
| Pitch       | 2.5 mm  |
| Dimension a | 12.5 mm |

|                     |              |
|---------------------|--------------|
| Number of positions | 6            |
| Pin dimensions      | 0,3 X 0,8 mm |
| Pin spacing         | 2.5 mm       |
| Hole diameter       | 1.2 mm       |

#### Technical data

|                                    |                     |
|------------------------------------|---------------------|
| Insulating material group          | IIIa                |
| 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)              | 200 V               |
| Rated voltage (II/2)               | 200 V               |
| Connection in acc. with standard   | EN-VDE              |
| Nominal current $I_N$              | 6 A                 |
| Nominal voltage $U_N$              | 63 V                |
| Nominal cross section              | 0.5 mm <sup>2</sup> |
| Maximum load current               | 6 A                 |
| Insulating material                | LCP                 |
| 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                   |

#### Certificates / Approvals

|               |         |
|---------------|---------|
| Certification | CUL, UL |
|---------------|---------|

#### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 150 V |
| Nominal current $I_N$ | 5 A   |
| AWG/kcmil             | 26-20 |

#### UL

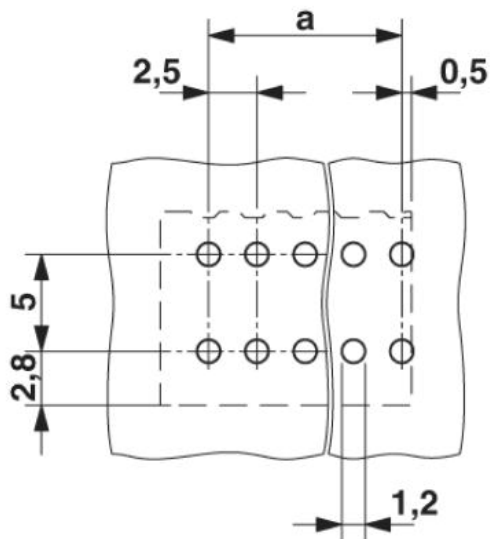
|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 150 V |
| Nominal current $I_N$ | 5 A   |
| AWG/kcmil             | 26-20 |

#### Accessories

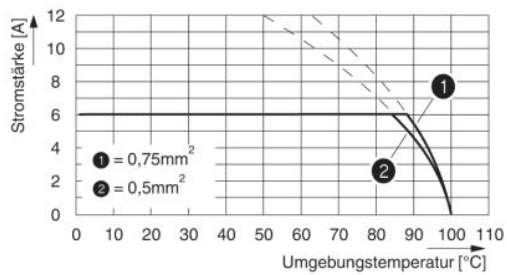
| Item         | Designation | Description                                                                                                                                       |
|--------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tools</b> |             |                                                                                                                                                   |
| 1205202      | SZS 0,4X2,0 | Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade width: 2.5 mm, without approvals |

#### Diagrams/Drawings

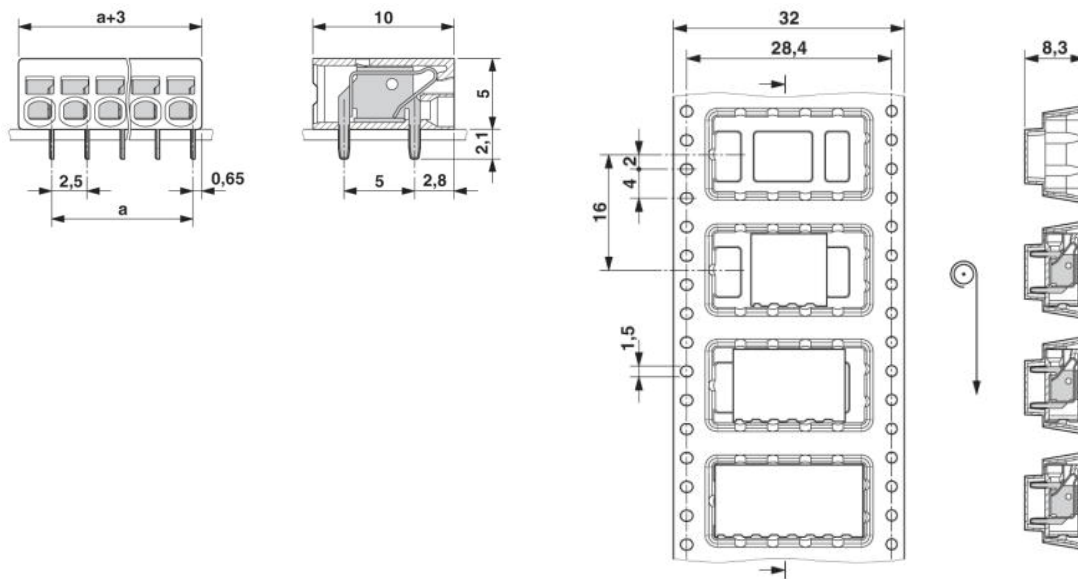
Drilling plan/solder pad geometry



## Diagram



## Dimensioned drawing



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