

## PTSA 0,5/ 1-2,5-F BN - 1841380

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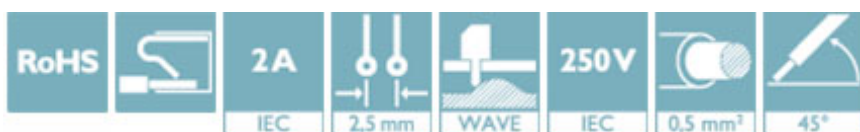


PCB terminal block, nominal current: 2 A, nom. voltage: 250 V, pitch: 2.5 mm, number of positions: 1, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: brown. Soldering legs in front area, one-rowed

The figure shows a 10-position version of the product

### Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Angled connection enables multi-row arrangement on the PCB



### Key Commercial Data

|                        |                                                                                      |
|------------------------|--------------------------------------------------------------------------------------|
| Packing unit           | 100 pc                                                                               |
| Minimum order quantity | 100 pc                                                                               |
| GTIN                   |  |
| GTIN                   | 4046356905428                                                                        |

### Technical data

#### Dimensions

|                |         |
|----------------|---------|
| Length [ l ]   | 12 mm   |
| Pitch          | 2.5 mm  |
| Width [ w ]    | 4 mm    |
| Height         | 13.1 mm |
| Height [ h ]   | 16.7 mm |
| Solder pin [P] | 3.6 mm  |
| Pin spacing    | 2.5 mm  |
| Hole diameter  | 1 mm    |

#### General

|                   |          |
|-------------------|----------|
| Range of articles | PTSA 0,5 |
|-------------------|----------|

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## Technical data

### General

|                                  |                     |
|----------------------------------|---------------------|
| 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)            | 63 V                |
| 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 cross section            | 0.5 mm <sup>2</sup> |
| Stripping length                 | 9 mm                |
| Number of positions              | 1                   |

### Connection data

|                                  |    |
|----------------------------------|----|
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 20 |

### Standards and Regulations

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

### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Approvals

### Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

### Approval details

|     |                                                                                     |         |
|-----|-------------------------------------------------------------------------------------|---------|
| EAC |  | B.01742 |
|-----|-------------------------------------------------------------------------------------|---------|

## PTSA 0,5/ 1-2,5-F BN - 1841380

### Approvals

|                                                                                                                                                                                                                                                                          |       |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
| cULus Recognized  <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-20030527 |       |       |
|                                                                                                                                                                                                                                                                          | D     | B     |
| Nominal voltage UN                                                                                                                                                                                                                                                       | 300 V | 150 V |
| Nominal current IN                                                                                                                                                                                                                                                       | 2 A   | 2 A   |
| mm²/AWG/kcmil                                                                                                                                                                                                                                                            | 26-20 | 26-20 |

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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