

## PCB terminal block - PTSA 1,5/ 3-3,5-Z GY - 1995279

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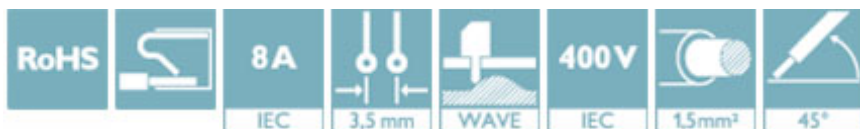
PCB terminal block, nominal current: 8 A, pitch: 3.5 mm, number of positions: 3, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: gray



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           | 300 pc        |
| Minimum order quantity | 300 pc        |
| GTIN                   |               |
| GTIN                   | 4017918991784 |

### Technical data

#### Dimensions

|                |         |
|----------------|---------|
| Length [ l ]   | 12 mm   |
| Pitch          | 3.5 mm  |
| Dimension a    | 7 mm    |
| Width [ w ]    | 12 mm   |
| Height         | 13.1 mm |
| Height [ h ]   | 16.7 mm |
| Solder pin [P] | 3.6 mm  |
| Pin spacing    | 3.5 mm  |
| Hole diameter  | 1 mm    |

#### General

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### Technical data

#### General

|                                  |                     |
|----------------------------------|---------------------|
| Range of articles                | PTSA 1,5            |
| 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)            | 250 V               |
| Rated voltage (III/2)            | 400 V               |
| Rated voltage (II/2)             | 630 V               |
| Connection in acc. with standard | EN-VDE              |
| Nominal current $I_N$            | 8 A                 |
| Nominal cross section            | 1.5 mm <sup>2</sup> |
| Stripping length                 | 9 mm                |
| Number of positions              | 3                   |

#### Connection data

|                                  |    |
|----------------------------------|----|
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 16 |

#### Standards and Regulations

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

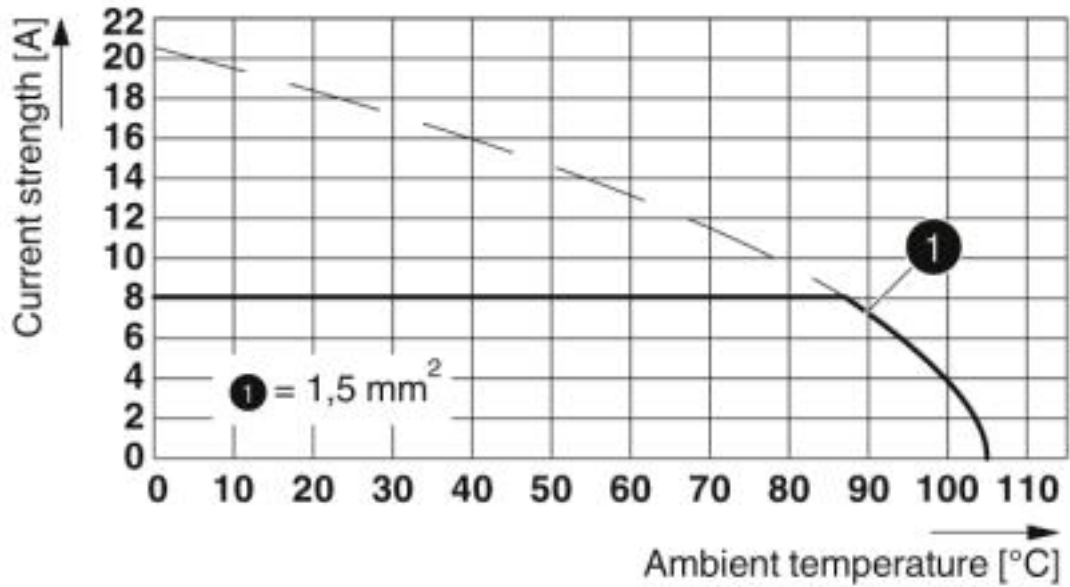
#### Environmental Product Compliance

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

### Drawings

# PCB terminal block - PTSA 1,5/ 3-3,5-Z GY - 1995279

Diagram



Type: PTSA 1,5/4-3,5-Z  
 Tested in accordance with DIN EN 60512-5-2:2003-01  
 Reduction factor = 1  
 Number of positions: 4

## Approvals

Approvals

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Approvals

CCA / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

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Ex Approvals

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## Approval details

|                                |                        |
|--------------------------------|------------------------|
| CCA                            | CCA/DE1<br>34182/33276 |
| Nominal current I <sub>N</sub> | 2 A                    |
| mm <sup>2</sup> /AWG/kcmil     | 0.75                   |

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## Approvals

|  |  |  |          |
|--|--|--|----------|
| VDE Gutachten mit<br>Fertigungsüberwachung |  | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/<br/>VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40018594 |
|--|--|--|----------|

|                            |        |
|----------------------------|--------|
| Nominal voltage UN         | 250 V  |
| Nominal current IN         | 2 A    |
| mm <sup>2</sup> /AWG/kcmil | 0.5-75 |

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

|                  |  |   |                 |
|------------------|--|---|-----------------|
| 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 |
|------------------|--|---|-----------------|

|                            | B     | D     |
|----------------------------|-------|-------|
| Nominal voltage UN         | 300 V | 300 V |
| Nominal current IN         | 5 A   | 5 A   |
| mm <sup>2</sup> /AWG/kcmil | 24-16 | 24-16 |

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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>