

## Printed-circuit board connector - PT 1,5/ 3-PH-3,5-A BD:16-18 - 1702522

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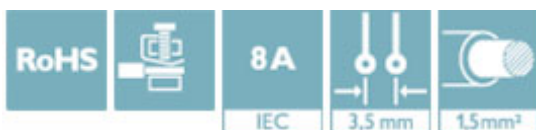
PCB connector, nominal current: 8 A, number of positions: 3, pitch: 3.5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin



The figure shows a 10-position version of the product

### Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ High terminal block capacity thanks to rectangular terminal block space
- ✓ Allows connection of two conductors
- ✓ The latching on the side enables various numbers of positions to be combined



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 250 pc                                                                                                  |
| GTIN         | <br>4 046356 589369 |
| GTIN         | 4046356589369                                                                                           |

### Technical data

#### Dimensions

|             |        |
|-------------|--------|
| Pitch       | 3.5 mm |
| Dimension a | 7 mm   |

#### General

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Range of articles                | PT 1,5/...-PH                        |
| Number of positions              | 3                                    |
| Connection method                | Screw connection with wire protector |
| Rated voltage (III/3)            | 160 V                                |
| Connection in acc. with standard | EN-VDE                               |
| Nominal current $I_N$            | 8 A                                  |
| Nominal cross section            | 1.5 mm²                              |

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## Technical data

### Connection data

|                                                                         |                      |
|-------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                   | 1.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.75 mm <sup>2</sup> |
| Conductor cross section AWG min.                                        | 26                   |
| Conductor cross section AWG max.                                        | 16                   |
| 2 conductors with same cross section, solid min.                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                        | 0.34 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded min.                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                     | 0.5 mm <sup>2</sup>  |

### Standards and Regulations

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

### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Approvals

### Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

### Approval details

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

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### 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> E60425-20030211 |       |       |
|                                                                                                                                                                                                                                                                          | D     | B     |
| Nominal voltage UN                                                                                                                                                                                                                                                       | 300 V | 300 V |
| Nominal current IN                                                                                                                                                                                                                                                       | 10 A  | 10 A  |
| mm²/AWG/kcmil                                                                                                                                                                                                                                                            | 26-16 | 26-16 |

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