



**Automatización Eléctrica**  
Especialistas en Automatización

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# Printed-circuit board connector - PTS 1,5/ 3-PH-5,0 - 1805520

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Plug component, Nominal current: 10 A, Rated voltage (III/2): 400 V, Number of positions: 3, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

## Key Commercial Data

|              |                     |
|--------------|---------------------|
| Packing unit | 250 STK             |
| GTIN         | <br>4 046356 679138 |

## Technical data

### Dimensions

|             |         |
|-------------|---------|
| Pitch       | 5.00 mm |
| Dimension a | 10 mm   |

### General

|  |                     |
|--|---------------------|
| Range of articles                      | PTS 1,5/..-PH       |
| Insulating material group              | I                   |
| Rated surge voltage (III/3)            | 4 kV                |
| Rated surge voltage (III/2)            | 4 kV                |
| Rated surge voltage (II/2)             | 4 kV                |
| Rated voltage (III/3)                  | 250 V               |
| Rated voltage (III/2)                  | 400 V               |
| Rated voltage (II/2)                   | 600 V               |
| Nominal current $I_N$                  | 10 A                |
| Nominal cross section                  | 1.5 mm <sup>2</sup> |
| Insulating material                    | PA                  |
| Flammability rating according to UL 94 | V0                  |
| Stripping length                       | 8 mm                |
| Number of positions                    | 3                   |

### Connection data

|                                    |                     |
|------------------------------------|---------------------|
| Conductor cross section solid min. | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max. | 2.5 mm <sup>2</sup> |

# Printed-circuit board connector - PTS 1,5/ 3-PH-5,0 - 1805520

## Technical data

### Connection data

|  |                        |
|--|------------------------|
| Conductor cross section flexible min.                                      | 0.2 mm <sup>2</sup>    |
| Conductor cross section flexible max.                                      | 2.5 mm <sup>2</sup>    |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup>   |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm <sup>2</sup>    |
| Conductor cross section flexible, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> 1 |
| Conductor cross section flexible, with ferrule with plastic sleeve max.    | 1 mm <sup>2</sup>      |
| Conductor cross section AWG min.   | 26                     |
| Conductor cross section AWG max.   | 14                     |

### Standards and Regulations

|  |    |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440309 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 34131203 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121432 |

## Approvals

### Approvals

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#### Approvals

EAC / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme

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## Approvals

Ex Approvals

Approvals submitted

## Approval details

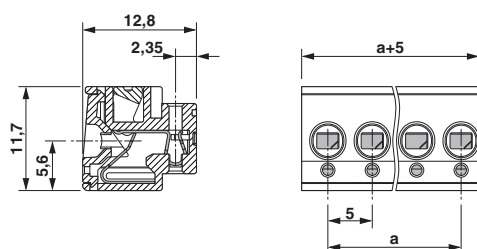
|     |
|-----|
| EAC |
|-----|

|   |         |
|---|---------|
| VDE Gutachten mit Fertigungsüberwachung |         |
| mm <sup>2</sup> /AWG/kcmil              | 0.2-2.5 |
| Nominal current I <sub>N</sub>          | 10 A    |
| Nominal voltage U <sub>N</sub>          | 320 V   |

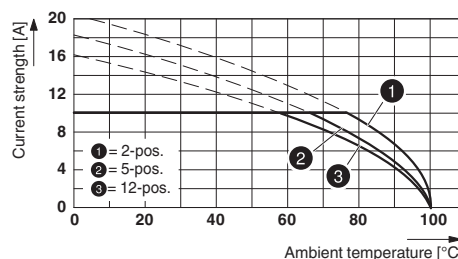
|                                |         |
|--------------------------------|---------|
| IECEE CB Scheme                |         |
| mm <sup>2</sup> /AWG/kcmil     | 0.2-2.5 |
| Nominal current I <sub>N</sub> | 10 A    |
| Nominal voltage U <sub>N</sub> | 320 V   |

## Drawings

Dimensional drawing



Diagram



Type: PTS 1,5/...-PH-5,0 with PST 1,3/...-5,0

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| Product  | Code    | Reference         | Product link               |
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