

## Pin strip - PST 1,0/ 5-3,5 - 1945122

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Pin strip, nominal current: 8 A, rated voltage (III/2): 250 V, nominal cross section: 0.5 mm<sup>2</sup>, number of positions: 5, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 3.8 mm, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

The figure shows a 6-position version

### Your advantages

- Suitable for wave and reflow soldering processes
- Optimum pin geometry for all COMBICON pin strip connectors



### Key Commercial Data

|                        |               |
|------------------------|---------------|
| Packing unit           | 250 pc        |
| Minimum order quantity | 250 pc        |
| GTIN                   |               |
| GTIN                   | 4017918883294 |

### Technical data

#### Dimensions

|                          |         |
|--------------------------|---------|
| Length [ l ]             | 2.8 mm  |
| Width                    | 17.1 mm |
| Pitch                    | 3.5 mm  |
| Dimension a              | 14 mm   |
| Width [ w ]              | 17.1 mm |
| Height [ h ]             | 13 mm   |
| Installed height         | 9.2 mm  |
| Length of the solder pin | 3.8 mm  |
| Pin dimensions           | ø 1 mm  |
| Length                   | 2.8 mm  |

#### General

## Pin strip - PST 1,0/ 5-3,5 - 1945122

### Technical data

#### General

|  |                                |
|--|--------------------------------|
| Range of articles                      | PST 1,0/...-V                  |
| 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/3)                  | 160 V                          |
| Rated voltage (III/2)                  | 250 V                          |
| Rated voltage (II/2)                   | 250 V                          |
| Connection in acc. with standard       | EN-VDE                         |
| Nominal current $I_N$                  | 8 A (depends on the plug used) |
| Maximum load current                   | 8 A (depends on the plug used) |
| Insulating material                    | PA                             |
| Flammability rating according to UL 94 | V0                             |
| Color                                  | black                          |
| Number of positions                    | 5                              |

#### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CUL    |
| Flammability rating according to UL 94 | V0     |

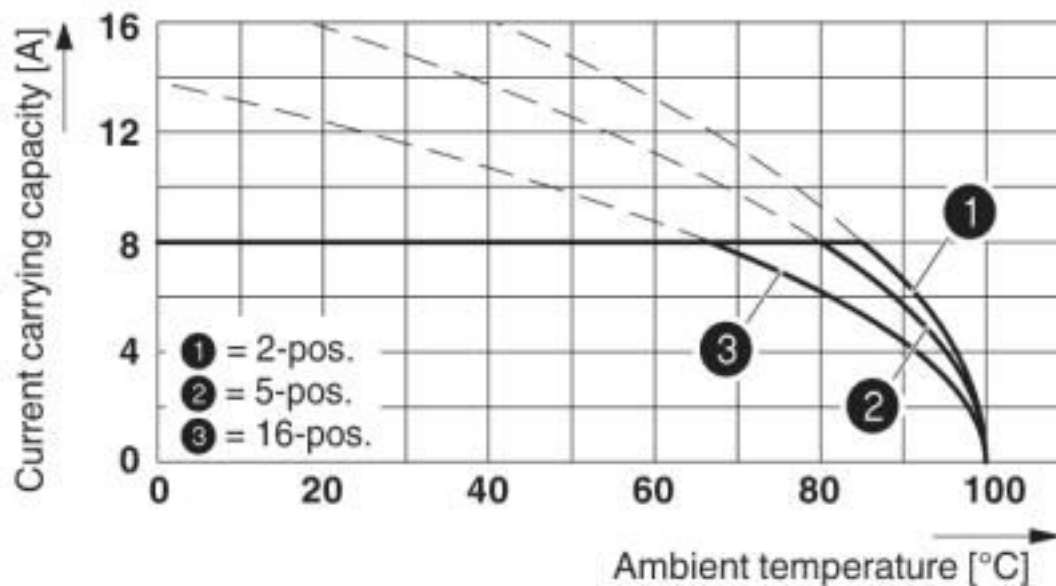
#### Environmental Product Compliance

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

### Drawings

## Pin strip - PST 1,0/ 5-3,5 - 1945122

Diagram



Derating curve for: PTDA 1,5/...-PH-3,5 with PST 1,0/...-3,5

### Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440402 |
| eCl@ss 4.0    | 27260700 |
| eCl@ss 4.1    | 27260700 |
| eCl@ss 5.0    | 27260700 |
| eCl@ss 5.1    | 27260700 |
| eCl@ss 6.0    | 27260700 |
| eCl@ss 7.0    | 27440402 |
| eCl@ss 8.0    | 27440402 |
| eCl@ss 9.0    | 27440402 |

ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |
| ETIM 7.0 | EC002637 |

UNSPSC

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

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## Classifications

### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2  | 39121409 |
| UNSPSC 18.0  | 39121409 |
| UNSPSC 19.0  | 39121409 |
| UNSPSC 20.0  | 39121409 |
| UNSPSC 21.0  | 39121409 |

## Approvals


### Approvals

#### Approvals


SEV / EAC / cULus Recognized / IEC/IEC CB Scheme

#### Ex Approvals

### Approval details

|                    |   |   |         |
|--------------------|---|---|---------|
| SEV                |  | <a href="https://www.eurofins.ch/de/">https://www.eurofins.ch/de/</a> | IK-4496 |
| Nominal voltage UN |   | 250 V   |         |
| Nominal current IN |   | 8 A   |         |

|     |   |         |
|-----|---|---------|
| EAC |  | B.01687 |
|-----|---|---------|

|                    |   |   |                 |
|--------------------|---|---|-----------------|
| 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 |
|                    |   | B   |                 |
| Nominal voltage UN |   | 300 V   |                 |
| Nominal current IN |   | 10 A  |                 |

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## Approvals

|                    |                     |   |          |
|--------------------|---------------------|---|----------|
| IECEE CB Scheme    | <b>CB</b><br>scheme | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | CH-10786 |
| Nominal voltage UN | 250 V               |   |          |
| Nominal current IN | 8 A                 |   |          |

## Accessories

### Additional products

Plug - PTDA 1,5/ 5-PH-3,5 - 1725146



PCB connector, nominal current: 8 A, rated voltage (III/2): 240 V, nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin, pin layout: Linear double pinning

PCB terminal block - FK-MPT 0,5/ 5-ST-3,5 - 1913950



PCB connector, nominal current: 4 A, rated voltage (III/2): 250 V, nominal cross section: 0.5 mm<sup>2</sup>, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin, pin layout: Linear pinning

PCB terminal block - PT 1,5/ 5-PVH-3,5 - 1984044



PCB connector, nominal current: 8 A, rated voltage (III/2): 200 V, nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 5, pitch: 3.5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin

PCB terminal block - PT 1,5/ 5-PH-3,5 - 1984345



PCB connector, nominal current: 8 A, rated voltage (III/2): 200 V, nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 5, pitch: 3.5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin

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