

## Pin strip - PST 1,0/12-3,5 - 1945193

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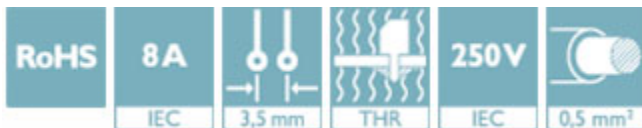


The figure shows a 10-position version of the product

Header, nominal current: 8 A, rated voltage (III/2): 250 V, number of positions: 12, pitch: 3.5 mm, Color: black, Contact surface: Tin, mounting: THR soldering, 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.

### Why buy this product

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



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 STK                                                                                                   |
| Minimum order quantity               | 100 STK                                                                                                 |
| GTIN                                 | <br>4 017918 883362 |
| GTIN                                 | 4017918883362                                                                                           |
| Weight per Piece (excluding packing) | 1.420 g                                                                                                 |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|                       |          |
|-----------------------|----------|
| Length                | 2.8 mm   |
| Pitch                 | 3.5 mm   |
| Dimension a           | 38.50 mm |
| Width                 | 41.60 mm |
| Constructional height | 9.2 mm   |

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### Technical data

#### Dimensions

|                          |        |
|--------------------------|--------|
| Height                   | 13 mm  |
| Length of the solder pin | 3.8 mm |
| Pin dimensions           | 1 mm   |
| Hole diameter            | 1.2 mm |

#### 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                    | 12                             |

#### Standards and Regulations

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

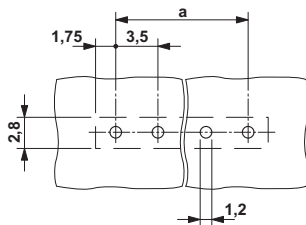
#### Environmental Product Compliance

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

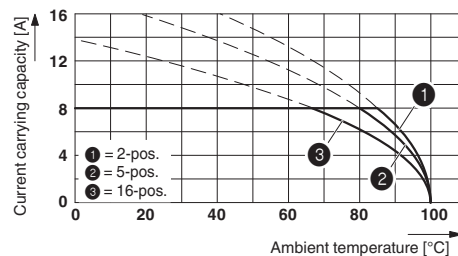
### Drawings

## Pin strip - PST 1,0/12-3,5 - 1945193

Drilling diagram

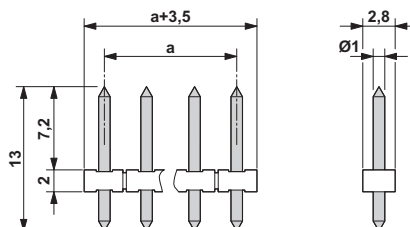


Diagram



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

Dimensional drawing



## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| 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 |

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 6.01 | 30211801 |
|-------------|----------|

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### Classifications

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 34131203 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121409 |

### Approvals

#### Approvals

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UL Recognized / cUL Recognized / SEV / CCA / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

|                                |                                                                                     |                                                                                                                                                       |              |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| UL 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> | FILE E 60425 |
|                                |                                                                                     | B                                                                                                                                                     |              |
| Nominal current I <sub>N</sub> |                                                                                     | 10 A                                                                                                                                                  |              |
| Nominal voltage U <sub>N</sub> |                                                                                     | 300 V                                                                                                                                                 |              |

|                                |                                                                                     |                                                                                                                                                       |              |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| cUL 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> | FILE E 60425 |
|                                |                                                                                     | B                                                                                                                                                     |              |
| Nominal current I <sub>N</sub> |                                                                                     | 10 A                                                                                                                                                  |              |
| Nominal voltage U <sub>N</sub> |                                                                                     | 300 V                                                                                                                                                 |              |

|                                |                                                                                     |                                                                                                                                                       |         |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| SEV                            |  | <a href="https://www.electrosuisse.ch/en/meta/shop/product-certificates.html">https://www.electrosuisse.ch/en/meta/shop/product-certificates.html</a> | IK-3558 |
|                                |                                                                                     |                                                                                                                                                       |         |
| Nominal current I <sub>N</sub> |                                                                                     | 6 A                                                                                                                                                   |         |
| Nominal voltage U <sub>N</sub> |                                                                                     | 160 V                                                                                                                                                 |         |

## Pin strip - PST 1,0/12-3,5 - 1945193

### Approvals

|                                |         |
|--------------------------------|---------|
| CCA                            | IK-2681 |
| Nominal current I <sub>N</sub> | 6 A     |
| Nominal voltage U <sub>N</sub> | 160 V   |

|     |                                                                                   |         |
|-----|-----------------------------------------------------------------------------------|---------|
| 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> |
|------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

### Accessories

#### Additional products

Plug - PTDA 1,5/12-PH-3,5 - 1725237



Plug component, nominal current: 8 A, rated voltage (III/2): 240 V, number of positions: 12, pitch: 3.5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

PCB terminal block - FK-MPT 0,5/12-ST-3,5 - 1914030



Plug component, nominal current: 4 A, rated voltage (III/2): 250 V, number of positions: 12, pitch: 3.5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

PCB terminal block - PT 1,5/12-PVH-3,5 - 1984112



Plug component, nominal current: 8 A, rated voltage (III/2): 200 V, number of positions: 12, pitch: 3.5 mm, connection method: Screw connection with wire protector, Color: green, Contact surface: Tin

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### Accessories

PCB terminal block - PT 1,5/12-PH-3,5 - 1984413



Plug component, nominal current: 8 A, rated voltage (III/2): 200 V, number of positions: 12, pitch: 3.5 mm, connection method: Screw connection with wire protector, Color: green, Contact surface: Tin