

## COMBICON compact Screw Compact Terminal Blocks PT(A) 1,5/... with a 3.5 mm Pitch

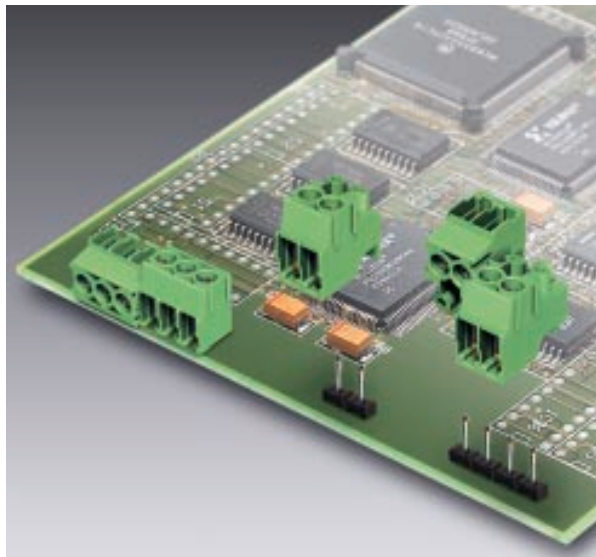
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The terminal blocks of the new PT series have the proven screw connection and highly flexible conductor protection. The practical and compact outer dimensions and the generous clamping space make them particularly versatile.

With the 3.5 mm pitch, the PT 1,5 is not only available as a PCB terminal block but also as plug-in version. The plugs of the PT 1,5 family can be plugged on the PST 1,0-3,5 pin strip which is also available and reflow-solderable.

The PT 1,5-PH-3,5 can only be plugged in horizontally, but its extremely compact dimensions permit the use of a plug-in solution, even under conditions in which space is critical.

In contrast, the two integrated plug-in directions of the PT 1,5-PVH-3,5 offer maximum flexibility for the end user and reduce inventory and handling by 50 %. In addition, this plug type can also be coded if desired. Customized labeling of all versions is possible.



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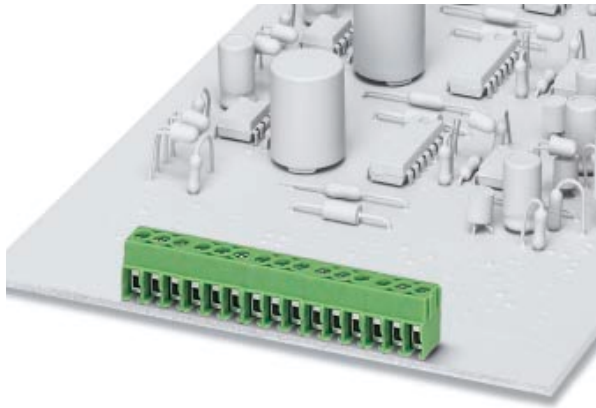


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<http://select.phoenixcontact.com>

**Printed Circuit  
Screw Termination Blocks  
PT 1,5/...-3,5-H  
3.5 mm Pitch**



| Description   | No. of pos. | Dim. a [mm] | Type            | Order No.  | Pcs./Pkt. |
|---|-------------|-------------|-----------------|------------|-----------|
| <b>Printed circuit screw termination blocks with housing interlocking, 3.5 mm pitch, color: green</b> | 2           | 3.5         | PT 1,5/2-3,5-H  | 19 84 61 7 | 250       |
|   | 3           | 7           | PT 1,5/3-3,5-H  | 19 84 62 0 | 250       |
|   | 4           | 10.5        | PT 1,5/4-3,5-H  | 19 84 63 3 | 250       |
|   | 5           | 14          | PT 1,5/5-3,5-H  | 19 84 64 6 | 100       |
|   | 6           | 17.5        | PT 1,5/6-3,5-H  | 19 84 65 9 | 100       |
|   | 7           | 21          | PT 1,5/7-3,5-H  | 19 84 66 2 | 100       |
|   | 8           | 24.5        | PT 1,5/8-3,5-H  | 19 84 67 5 | 100       |
|   | 9           | 28          | PT 1,5/9-3,5-H  | 19 84 68 8 | 100       |
|   | 10          | 31.5        | PT 1,5/10-3,5-H | 19 84 69 1 | 100       |
|   | 11          | 35          | PT 1,5/11-3,5-H | 19 84 70 1 | 50        |
|   | 12          | 38.5        | PT 1,5/12-3,5-H | 19 84 71 4 | 50        |
|   | 13          | 42          | PT 1,5/13-3,5-H | 19 84 72 7 | 50        |
|   | 14          | 45.5        | PT 1,5/14-3,5-H | 19 84 73 0 | 50        |
|   | 15          | 49          | PT 1,5/15-3,5-H | 19 84 74 3 | 50        |
|   | 16          | 52.5        | PT 1,5/16-3,5-H | 19 84 75 6 | 50        |

(1) Screwdriver

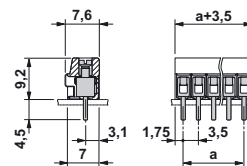
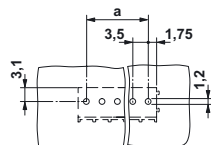


|                      |                   |    |
|----------------------|-------------------|----|
| <b>SZS 0,4 x 2,5</b> | <b>12 05 03 7</b> | 10 |
|----------------------|-------------------|----|

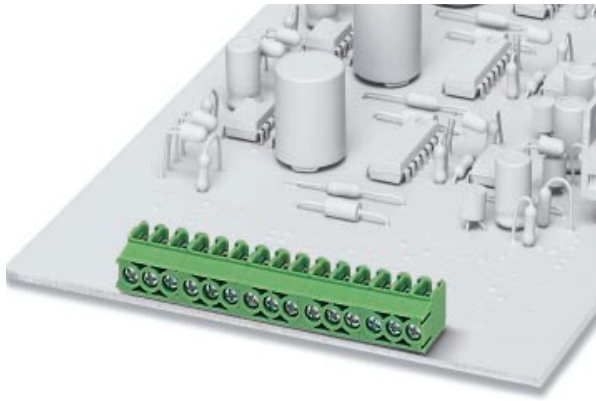
**Technical data**

|   |   |                                 |         |        |
|---|---|---------------------------------|---------|--------|
| <b>Dimensions</b>   |   | see description                 |         |        |
| Pitch   | [mm]                                    | 3.5                             |         |        |
| Hole diameter   | [mm]                                    | 1.2                             |         |        |
| Pin dimensions  | [mm]x[mm]                               | ∅ 0.9                           |         |        |
| <b>Technical data in accordance with IEC/ DIN VDE</b>             |   |                                 |         |        |
| Insulating material group   | -                                       | I                               |         |        |
| Surge voltage category / contamination class                      | -/-                                     | III / 3                         | III / 2 | II / 2 |
| Rated voltage   | [V]                                     | 160                             | 200     | 400    |
| Rated surge voltage   | [kV]                                    | 2.5                             | 2.5     | 2.5    |
| Nominal current / cross section                                   | [A]/[mm²]                               | 17.5 / 1.5                      |         |        |
| Maximum load current / cross section                              | [A]/[mm²]                               | 17.5 / 1.5                      |         |        |
| <b>Connection capacity</b>  |   |                                 |         |        |
| Solid / stranded / conductor sizes                                | [mm²]/[mm²]/AWG                         | 0.2 - 1.5 / 0.2 - 1.5 / 26 - 16 |         |        |
| Stranded with ferrule without / with plastic sleeve               | [mm²]                                   | - / 0.75 <sup>1)</sup>          |         |        |
| <b>Multiple connection (2 conductors with same cross section)</b> |   |                                 |         |        |
| Solid / stranded  | [mm²]                                   | 0.2 - 0.34 / 0.2 - 0.5          |         |        |
| Stranded with ferrule without plastic sleeve                      | [mm²]                                   | -                               |         |        |
| Stranded with TWIN ferrule with plastic sleeve                    | [mm²]                                   | -                               |         |        |
| <b>Stripping length</b>   | [mm]                                    | 5                               |         |        |
| <b>Internal cylindrical gauge (IEC 60 947-1)</b>                  | -                                       | -                               |         |        |
| <b>Thread</b>   | -                                       | M 2                             |         |        |
| <b>Torque</b>   | [Nm]                                    | 0.25                            |         |        |
| <b>Insulating material</b>  |   | PA                              |         |        |
| Inflammability class in acc. with UL 94                           |   | V0                              |         |        |
| <b>Approval data (UL/CUL and CSA)</b>                             |   |                                 |         |        |
| Nominal voltage / current / conductor sizes                       | UL/CUL: [V]/[A]/AWG<br>CSA: [V]/[A]/AWG | 300 / 10 / 26 - 16              |         |        |

<sup>1)</sup> When using ferrules with a plastic sleeve, 125 V max. can be achieved in connection with surge voltage category / contamination class II/2.



**Printed Circuit  
Screw Termination Blocks  
PT 1,5/...-3,5-V  
3.5 mm Pitch**



| Description   | No. of pos. | Dim. a [mm] | Type            | Order No.  | Pcs./Pkt. |
|---|-------------|-------------|-----------------|------------|-----------|
| <b>Printed circuit screw termination blocks with housing interlocking, 3.5 mm pitch, color: green</b> | 2           | 3.5         | PT 1,5/2-3,5-V  | 19 84 76 9 | 250       |
|   | 3           | 7           | PT 1,5/3-3,5-V  | 19 84 77 2 | 250       |
|   | 4           | 10.5        | PT 1,5/4-3,5-V  | 19 84 78 5 | 250       |
|   | 5           | 14          | PT 1,5/5-3,5-V  | 19 84 79 8 | 100       |
|   | 6           | 17.5        | PT 1,5/6-3,5-V  | 19 84 80 8 | 100       |
|   | 7           | 21          | PT 1,5/7-3,5-V  | 19 84 81 1 | 100       |
|   | 8           | 24.5        | PT 1,5/8-3,5-V  | 19 84 82 4 | 100       |
|   | 9           | 28          | PT 1,5/9-3,5-V  | 19 84 83 7 | 100       |
|   | 10          | 31.5        | PT 1,5/10-3,5-V | 19 84 84 0 | 100       |
|   | 11          | 35          | PT 1,5/11-3,5-V | 19 84 85 3 | 50        |
|   | 12          | 38.5        | PT 1,5/12-3,5-V | 19 84 86 6 | 50        |
|   | 13          | 42          | PT 1,5/13-3,5-V | 19 84 87 9 | 50        |
|   | 14          | 45.5        | PT 1,5/14-3,5-V | 19 84 88 2 | 50        |
|   | 15          | 49          | PT 1,5/15-3,5-V | 19 84 89 5 | 50        |
|   | 16          | 52.5        | PT 1,5/16-3,5-V | 19 84 90 5 | 50        |

(1) Screwdriver



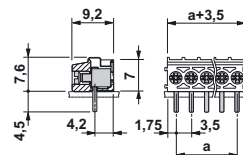
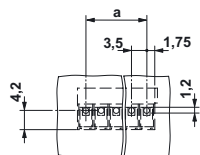
|                      |                   |    |
|----------------------|-------------------|----|
| <b>SZS 0,4 x 2,5</b> | <b>12 05 03 7</b> | 10 |
|----------------------|-------------------|----|

**Technical data**

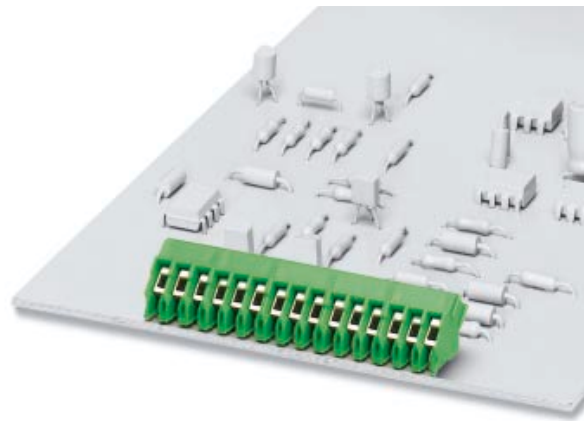
|   |  |
|---|--|
| <b>Dimensions</b>   |  |
| Pitch   | [mm] 3.5   |
| Hole diameter   | [mm] 1.2   |
| Pin dimensions  | [mm]x[mm] Ø 0.9  |
| <b>Technical data in accordance with IEC/ DIN VDE</b>             |  |
| Insulating material group   | -  |
| Surge voltage category / contamination class                      | -/- III / 3 III / 2 II / 2                                   |
| Rated voltage   | [V] 160 200 400  |
| Rated surge voltage   | [kV] 2.5 2.5 2.5   |
| Nominal current / cross section                                   | [A]/[mm²] 17.5 / 1.5   |
| Maximum load current / cross section                              | [A]/[mm²] 17.5 / 1.5   |
| <b>Connection capacity</b>  |  |
| Solid / stranded / conductor sizes                                | [mm²]/[mm²]/AWG 0.2 - 1.5 / 0.2 - 1.5 / 26 - 16              |
| Stranded with ferrule without / with plastic sleeve               | [mm²] - / (0.75¹)  |
| <b>Multiple connection (2 conductors with same cross section)</b> |  |
| Solid / stranded  | [mm²] 0.2 - 0.34 / 0.2 - 0.5                                 |
| Stranded with ferrule without plastic sleeve                      | [mm²] -  |
| Stranded with TWIN ferrule with plastic sleeve                    | [mm²] -  |
| <b>Stripping length</b>   | [mm] 5   |
| <b>Internal cylindrical gauge (IEC 60 947-1)</b>                  | -  |
| <b>Thread</b>   | -  |
| <b>Torque</b>   | [Nm] M 2 0.25  |
| <b>Insulating material</b>  |  |
| Inflammability class in acc. with UL 94                           | PA V0  |
| <b>Approval data (UL/CUL and CSA)</b>                             |  |
| Nominal voltage / current / conductor sizes                       | UL/CUL: [V]/[A]/AWG 300 / 10 / 26 - 16<br>CSA: [V]/[A]/AWG - |

|                 |                                 |        |
|-----------------|---------------------------------|--------|
| see description |                                 |        |
|                 | I                               |        |
| III / 3         | III / 2                         | II / 2 |
| 160             | 200                             | 400    |
| 2.5             | 2.5                             | 2.5    |
|                 | 17.5 / 1.5                      |        |
|                 | 17.5 / 1.5                      |        |
|                 | 0.2 - 1.5 / 0.2 - 1.5 / 26 - 16 |        |
|                 | - / (0.75¹)                     |        |
|                 | 0.2 - 0.34 / 0.2 - 0.5          |        |
|                 | -                               |        |
|                 | -                               |        |
|                 | 5                               |        |
|                 | -                               |        |
|                 | M 2                             |        |
|                 | 0.25                            |        |
|                 | PA                              |        |
|                 | V0                              |        |
|                 | 300 / 10 / 26 - 16              |        |
|                 | -                               |        |

¹) When using ferrules with a plastic sleeve, 125 V max. can be achieved in connection with surge voltage category / contamination class II/2.



**Printed Circuit  
Screw Termination Blocks  
PTA 1,5/...-3,5  
3.5 mm Pitch**



| Description   | No. of pos. | Dim. a [mm] | Type           | Order No.  | Pcs./Pkt. |
|---|-------------|-------------|----------------|------------|-----------|
| <b>Printed circuit screw termination blocks with housing interlocking, 3.5 mm pitch, color: green</b> | 2           | 3.5         | PTA 1,5/2-3,5  | 19 88 95 6 | 250       |
|   | 3           | 7           | PTA 1,5/3-3,5  | 19 88 96 9 | 250       |
|   | 4           | 10.5        | PTA 1,5/4-3,5  | 19 88 97 2 | 250       |
|   | 5           | 14          | PTA 1,5/5-3,5  | 19 88 98 5 | 100       |
|   | 6           | 17.5        | PTA 1,5/6-3,5  | 19 88 99 8 | 100       |
|   | 7           | 21          | PTA 1,5/7-3,5  | 19 89 00 7 | 100       |
|   | 8           | 24.5        | PTA 1,5/8-3,5  | 19 89 01 0 | 100       |
|   | 9           | 28          | PTA 1,5/9-3,5  | 19 89 02 3 | 100       |
|   | 10          | 31.5        | PTA 1,5/10-3,5 | 19 89 03 6 | 100       |
|   | 11          | 35          | PTA 1,5/11-3,5 | 19 89 04 9 | 50        |
|   | 12          | 38.5        | PTA 1,5/12-3,5 | 19 89 05 2 | 50        |
|   | 13          | 42          | PTA 1,5/13-3,5 | 19 89 06 5 | 50        |
|   | 14          | 45.5        | PTA 1,5/14-3,5 | 19 89 07 8 | 50        |
|   | 15          | 49          | PTA 1,5/15-3,5 | 19 89 08 1 | 50        |
|   | 16          | 52.5        | PTA 1,5/16-3,5 | 19 89 09 4 | 50        |

**(1) Screwdriver**



|                      |                   |    |
|----------------------|-------------------|----|
| <b>SZS 0,4 x 2,5</b> | <b>12 05 03 7</b> | 10 |
|----------------------|-------------------|----|

**Technical data**

|                |           |
|----------------|-----------|
| Dimensions     |           |
| Pitch          | [mm]      |
| Hole diameter  | [mm]      |
| Pin dimensions | [mm]x[mm] |

|                 |  |       |
|-----------------|--|-------|
| see description |  |       |
|                 |  | 3.5   |
|                 |  | 1.2   |
|                 |  | ∅ 0.9 |

**Technical data in accordance with IEC/ DIN VDE**

|  |           |
|--|-----------|
| Insulating material group                    | -         |
| Surge voltage category / contamination class | -/-       |
| Rated voltage                                | [V]       |
| Rated surge voltage                          | [kV]      |
| Nominal current / cross section              | [A]/[mm²] |
| Maximum load current / cross section         | [A]/[mm²] |

|  |         |            |        |
|--|---------|------------|--------|
|  | I       |            |        |
|  | III / 3 | III / 2    | II / 2 |
|  | 160     | 200        | 400    |
|  | 2.5     | 2.5        | 2.5    |
|  |         | 17.5 / 1.5 |        |
|  |         | 17.5 / 1.5 |        |

**Connection capacity**

|   |                 |
|---|-----------------|
| Solid / stranded / conductor sizes                  | [mm²]/[mm²]/AWG |
| Stranded with ferrule without / with plastic sleeve | [mm²]           |

|                                 |
|---------------------------------|
| 0.2 - 1.5 / 0.2 - 1.5 / 26 - 16 |
| - / 0.75 <sup>1)</sup>          |

**Multiple connection (2 conductors with same cross section)**

|  |       |
|--|-------|
| Solid / stranded                               | [mm²] |
| Stranded with ferrule without plastic sleeve   | [mm²] |
| Stranded with TWIN ferrule with plastic sleeve | [mm²] |

|                        |
|------------------------|
| 0.2 - 0.34 / 0.2 - 0.5 |
| -                      |
| -                      |

**Stripping length**

|  |      |
|--|------|
|  | [mm] |
|--|------|

|   |
|---|
| 5 |
|---|

**Internal cylindrical gauge (IEC 60 947-1)**

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

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

**Thread**

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

|     |
|-----|
| M 2 |
|-----|

**Torque**

|  |      |
|--|------|
|  | [Nm] |
|--|------|

|      |
|------|
| 0.25 |
|------|

**Insulating material**

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

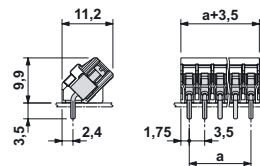
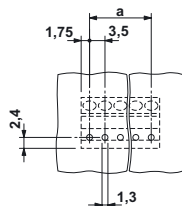
|    |
|----|
| PA |
| V0 |

**Approval data (UL/CUL and CSA)**

|   |                     |
|---|---------------------|
| Nominal voltage / current / conductor sizes | UL/CUL: [V]/[A]/AWG |
|   | CSA: [V]/[A]/AWG    |

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

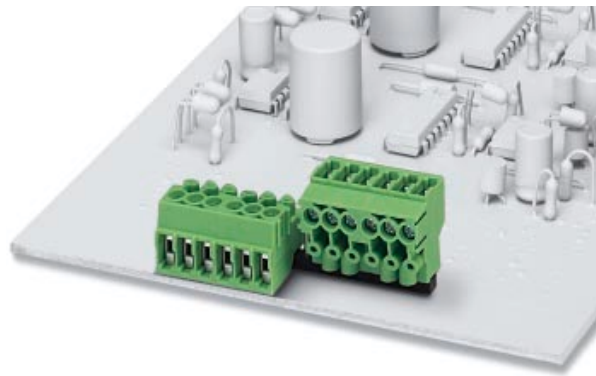
<sup>1)</sup> When using ferrules with a plastic sleeve, 125 V max. can be achieved in connection with surge voltage category / contamination class II/2.



# Pluggable Screw Termination Blocks

## PT 1,5/...-PVH-3,5

### 3.5 mm Pitch



| Description   | No. of pos. | Dim. a [mm] | Type              | Order No.  | Pcs./Pkt. |
|---|-------------|-------------|-------------------|------------|-----------|
| <b>Printed circuit screw termination blocks with housing interlocking, 3.5 mm pitch, color: green</b> | 2           | 3.5         | PT 1,5/2-PVH-3,5  | 19 84 01 5 | 250       |
|   | 3           | 7           | PT 1,5/3-PVH-3,5  | 19 84 02 8 | 250       |
|   | 4           | 10.5        | PT 1,5/4-PVH-3,5  | 19 84 03 1 | 250       |
|   | 5           | 14          | PT 1,5/5-PVH-3,5  | 19 84 04 4 | 100       |
|   | 6           | 17.5        | PT 1,5/6-PVH-3,5  | 19 84 05 7 | 100       |
|   | 7           | 21          | PT 1,5/7-PVH-3,5  | 19 84 06 0 | 100       |
|   | 8           | 24.5        | PT 1,5/8-PVH-3,5  | 19 84 07 3 | 100       |
|   | 9           | 28          | PT 1,5/9-PVH-3,5  | 19 84 08 6 | 100       |
|   | 10          | 31.5        | PT 1,5/10-PVH-3,5 | 19 84 09 9 | 100       |
|   | 11          | 35          | PT 1,5/11-PVH-3,5 | 19 84 10 9 | 50        |
|   | 12          | 38.5        | PT 1,5/12-PVH-3,5 | 19 84 11 2 | 50        |
|   | 13          | 42          | PT 1,5/13-PVH-3,5 | 19 84 12 5 | 50        |
|   | 14          | 45.5        | PT 1,5/14-PVH-3,5 | 19 84 13 8 | 50        |
|   | 15          | 49          | PT 1,5/15-PVH-3,5 | 19 84 14 1 | 50        |
|   | 16          | 52.5        | PT 1,5/16-PVH-3,5 | 19 84 15 4 | 50        |

(1) **Coding profile**, is inserted into the hole on the plug, insulating material: red

(2) **Screwdriver**



#### Technical data

|                |           |
|----------------|-----------|
| Dimensions     |           |
| Pitch          | [mm]      |
| Hole diameter  | [mm]      |
| Pin dimensions | [mm]x[mm] |

#### Technical data in accordance with IEC/ DIN VDE

|  |           |
|--|-----------|
| Insulating material group                    | -         |
| Surge voltage category / contamination class | -/-       |
| Rated voltage                                | [V]       |
| Rated surge voltage                          | [kV]      |
| Nominal current / cross section              | [A]/[mm²] |
| Maximum load current / cross section         | [A]/[mm²] |

#### Connection capacity

|   |                 |
|---|-----------------|
| Solid / stranded / conductor sizes                  | [mm²]/[mm²]/AWG |
| Stranded with ferrule without / with plastic sleeve | [mm²]           |

#### Multiple connection (2 conductors with same cross section)

|  |       |
|--|-------|
| Solid / stranded                               | [mm²] |
| Stranded with ferrule without plastic sleeve   | [mm²] |
| Stranded with TWIN ferrule with plastic sleeve | [mm²] |

#### Stripping length

|   |      |
|---|------|
| Internal cylindrical gauge (IEC 60 947-1) | -    |
| Thread                                    | -    |
| Torque                                    | [Nm] |

#### Insulating material

Inflammability class in acc. with UL 94

#### Approval data (UL/CUL and CSA)

|   |   |
|---|---|
| Nominal voltage / current / conductor sizes | UL/CUL: [V]/[A]/AWG<br>CSA: [V]/[A]/AWG |
|---|---|

| Type          | Order No.  | Pcs./Pkt. |
|---------------|------------|-----------|
| CP-PT 1,5     | 19 85 56 4 | 100       |
| SZS 0,4 x 2,5 | 12 05 03 7 | 10        |

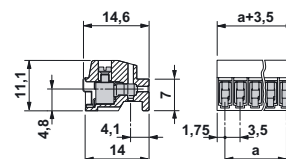
see description

3.5

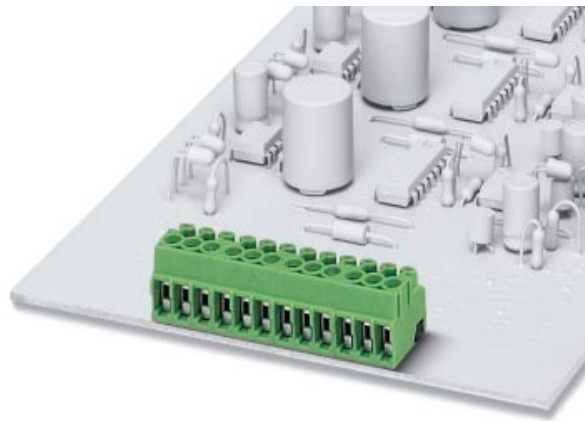
dependent on the pin strip used  
dependent on the pin strip used


|  | I  | II / 2  | III / 3 |
|--|--|---------|---------|
| Rated voltage  | 200  | 400     | 160     |
| Rated surge voltage  | 2.5  | 2.5     | 2.5     |
| Nominal current / cross section                            | 8 / 1.5  | 8 / 1.5 | 8 / 1.5 |
| Maximum load current / cross section                       | 8 / 1.5  | 8 / 1.5 | 8 / 1.5 |
| Stripping length   | 0.2 - 1.5 / 0.2 - 1.5 / 26 - 16<br>- / (0.75') |         |         |
| Multiple connection (2 conductors with same cross section) | 0.2 - 0.34 / 0.2 - 0.5                         |         |         |
| Stranded with ferrule without plastic sleeve               | -  |         |         |
| Stranded with TWIN ferrule with plastic sleeve             | -  |         |         |
| Stripping length   | 5  |         |         |
| Internal cylindrical gauge (IEC 60 947-1)                  | -  |         |         |
| Thread   | M 2  |         |         |
| Torque   | 0.25   |         |         |
| Insulating material  | PA   |         |         |
| Inflammability class in acc. with UL 94                    | V0   |         |         |
| Approval data (UL/CUL and CSA)                             | 300 / 10 / 26 - 16                             |         |         |

\*) When using ferrules with a plastic sleeve, 125 V max. can be achieved in connection with surge voltage category / contamination class II/2.

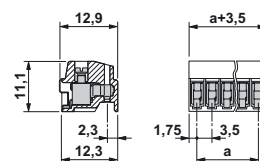


# Pluggable Screw Termination Blocks PT 1,5/...-PH-3,5 3.5 mm Pitch



| Description   | No. of pos. | Dim.<br>a<br>[mm] | Type  | Order No.            | Pcs./Pkt.         |
|---|-------------|-------------------|---|----------------------|-------------------|
| <b>Pluggable screw termination blocks with housing interlocking, 3.5 mm pitch, color: green</b> |             |                   |   |                      |                   |
|   | 2           | 3.5               | PT 1,5/2-PH-3,5   | 19 84 31 6           | 250               |
|   | 3           | 7                 | PT 1,5/3-PH-3,5   | 19 84 32 9           | 250               |
|   | 4           | 10.5              | PT 1,5/4-PH-3,5   | 19 84 33 2           | 250               |
|   | 5           | 14                | PT 1,5/5-PH-3,5   | 19 84 34 5           | 100               |
|   | 6           | 17.5              | PT 1,5/6-PH-3,5   | 19 84 35 8           | 100               |
|   | 7           | 21                | PT 1,5/7-PH-3,5   | 19 84 36 1           | 100               |
|   | 8           | 24.5              | PT 1,5/8-PH-3,5   | 19 84 37 4           | 100               |
|   | 9           | 28                | PT 1,5/9-PH-3,5   | 19 84 38 7           | 100               |
|   | 10          | 31.5              | PT 1,5/10-PH-3,5  | 19 84 39 0           | 100               |
|   | 11          | 35                | PT 1,5/11-PH-3,5  | 19 84 40 0           | 50                |
|   | 12          | 38.5              | PT 1,5/12-PH-3,5  | 19 84 41 3           | 50                |
|   | 13          | 42                | PT 1,5/13-PH-3,5  | 19 84 42 6           | 50                |
|   | 14          | 45.5              | PT 1,5/14-PH-3,5  | 19 84 43 9           | 50                |
|   | 15          | 49                | PT 1,5/15-PH-3,5  | 19 84 44 2           | 50                |
|   | 16          | 52.5              | PT 1,5/16-PH-3,5  | 19 84 45 5           | 50                |
| <b>(1) Screwdriver</b>  |             |                   |  | <b>SZS 0,4 x 2,5</b> | <b>12 05 03 7</b> |
| <b>Technical data</b>   |             |                   | see description   |                      |                   |
| Dimensions  |             |                   | 3.5   |                      |                   |
| Pitch   |             |                   | dependent on the pin strip used   |                      |                   |
| Hole diameter   |             |                   | dependent on the pin strip used   |                      |                   |
| Pin dimensions  |             |                   | dependent on the pin strip used   |                      |                   |
| <b>Technical data in accordance with IEC/ DIN VDE</b>   |             |                   |   |                      |                   |
| Insulating material group   |             |                   | I   |                      |                   |
| Surge voltage category / contamination class  |             |                   | III / 3    III / 2    II / 2  |                      |                   |
| Rated voltage   |             |                   | 160    200    400   |                      |                   |
| Rated surge voltage   |             |                   | 2.5    2.5    2.5   |                      |                   |
| Nominal current / cross section   |             |                   | 8 / 1.5   |                      |                   |
| Maximum load current / cross section  |             |                   | 8 / 1.5   |                      |                   |
| <b>Connection capacity</b>  |             |                   |   |                      |                   |
| Solid / stranded / conductor sizes  |             |                   | 0.2 - 1.5 / 0.2 - 1.5 / 26 - 16   |                      |                   |
| Stranded with ferrule without / with plastic sleeve   |             |                   | - / 0.75 <sup>1)</sup>  |                      |                   |
| <b>Multiple connection (2 conductors with same cross section)</b>                               |             |                   |   |                      |                   |
| Solid / stranded  |             |                   | 0.2 - 0.34 / 0.2 - 0.5  |                      |                   |
| Stranded with ferrule without plastic sleeve  |             |                   | -   |                      |                   |
| Stranded with TWIN ferrule with plastic sleeve  |             |                   | -   |                      |                   |
| <b>Stripping length</b>   |             |                   | 5   |                      |                   |
| <b>Internal cylindrical gauge (IEC 60 947-1)</b>  |             |                   | -   |                      |                   |
| <b>Thread</b>   |             |                   | M 2   |                      |                   |
| <b>Torque</b>   |             |                   | 0.25  |                      |                   |
| <b>Insulating material</b>  |             |                   | PA  |                      |                   |
| Inflammability class in acc. with UL 94   |             |                   | V0  |                      |                   |
| <b>Approval data (UL/CUL and CSA)</b>   |             |                   |   |                      |                   |
| Nominal voltage / current / conductor sizes   |             |                   | 300 / 10 / 26 - 16  |                      |                   |
| UL/CUL: [V]/[A]/AWG   |             |                   | -   |                      |                   |
| CSA: [V]/[A]/AWG  |             |                   | -   |                      |                   |

<sup>1)</sup> When using ferrules with a plastic sleeve, 125 V max. can be achieved in connection with surge voltage category / contamination class II/2.

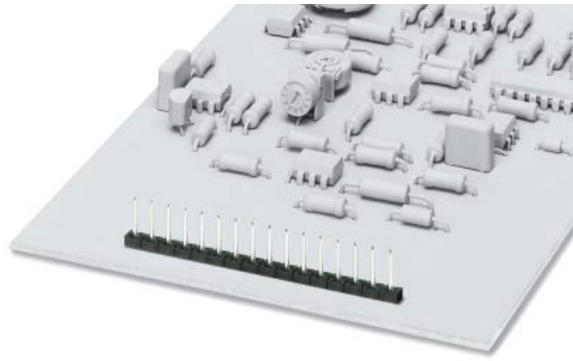




# Pin Strips

## PST 1,0/...-3,5

### 3.5 mm Pitch



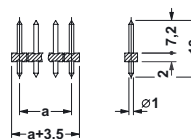
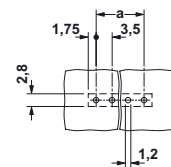
| Description                                  | No. of pos. | Dim. a [mm] | Type           | Order No.  | Pcs./Pkt.        |
|--|-------------|-------------|----------------|------------|------------------|
| <b>Pin strip, 3.5 mm pitch, color: black</b> |             |             |                |            |                  |
|  | 2           | 3.5         | PST 1,0/2-3,5  | 19 45 09 6 | 50 <sup>1)</sup> |
|  | 3           | 7           | PST 1,0/3-3,5  | 19 45 10 6 |                  |
|  | 4           | 10.5        | PST 1,0/4-3,5  | 19 45 11 9 |                  |
|  | 5           | 14          | PST 1,0/5-3,5  | 19 45 12 2 |                  |
|  | 6           | 17.5        | PST 1,0/6-3,5  | 19 45 13 5 |                  |
|  | 7           | 21          | PST 1,0/7-3,5  | 19 45 14 8 |                  |
|  | 8           | 24.5        | PST 1,0/8-3,5  | 19 45 15 1 |                  |
|  | 9           | 28          | PST 1,0/9-3,5  | 19 45 16 4 |                  |
|  | 10          | 31.5        | PST 1,0/10-3,5 | 19 45 17 7 |                  |
|  | 11          | 35          | PST 1,0/11-3,5 | 19 45 18 0 |                  |
|  | 12          | 38.5        | PST 1,0/12-3,5 | 19 45 19 3 |                  |
|  | 13          | 42          | PST 1,0/13-3,5 | 19 45 20 3 |                  |
|  | 14          | 45.5        | PST 1,0/14-3,5 | 19 45 21 6 |                  |
|  | 15          | 49          | PST 1,0/15-3,5 | 19 45 22 9 |                  |
|  | 16          | 52.5        | PST 1,0/16-3,5 | 19 45 23 2 |                  |

#### Technical data

|   |   |                 |                 |        |
|---|---|-----------------|-----------------|--------|
| Dimensions  |   | see description |                 |        |
| Pitch   | [mm]                                    | 3.5             |                 |        |
| Hole diameter   | [mm]                                    | 1.2             |                 |        |
| Pin dimensions  | [mm]x[mm]                               | ∅ 1             |                 |        |
| <b>Technical data in accordance with IEC/ DIN VDE</b> |   |                 |                 |        |
| Insulating material group                             | -                                       | III / 3         | IIIa            | II / 2 |
| Surge voltage category / contamination class          | -/-                                     | 160             | 250             | 250    |
| Rated voltage   | [V]                                     | 2.5             | 2.5             | 2.5    |
| Rated surge voltage                                   | [kV]                                    |                 |                 |        |
| Nominal current / cross section                       | [A]/[mm <sup>2</sup> ]                  |                 | 8 <sup>2)</sup> |        |
| Maximum load current / cross section                  | [A]/[mm <sup>2</sup> ]                  |                 | 8 <sup>2)</sup> |        |
| <b>Insulating material</b>                            |   |                 |                 |        |
| Inflammability class in acc. with UL 94               |   | PA              |                 |        |
| <b>Approval data (UL/CUL and CSA)</b>                 |   |                 |                 |        |
| Nominal voltage / current / conductor sizes           | UL/CUL: [V]/[A]/AWG<br>CSA: [V]/[A]/AWG | 300 / 10 / --   |                 |        |
|   |   | --              |                 |        |

<sup>1)</sup> Larger packing units are available on request.

<sup>2)</sup> The maximum current depends on the plug used. The lower value of the two for plug and pin strip is the deciding factor.



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