

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

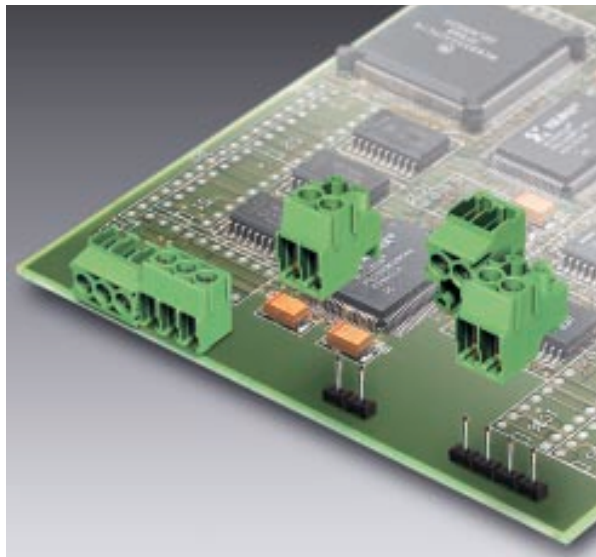
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The terminal blocks of the new PT series have the proven screw connection and highly flexible conductor protection. The practical and compact outer dimensions and the generous clamping space make them particularly versatile.

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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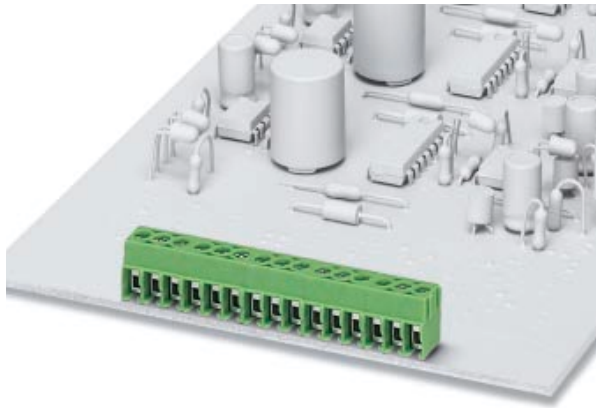


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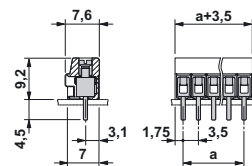
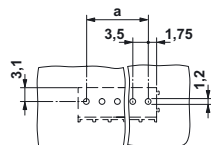
<http://select.phoenixcontact.com>

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

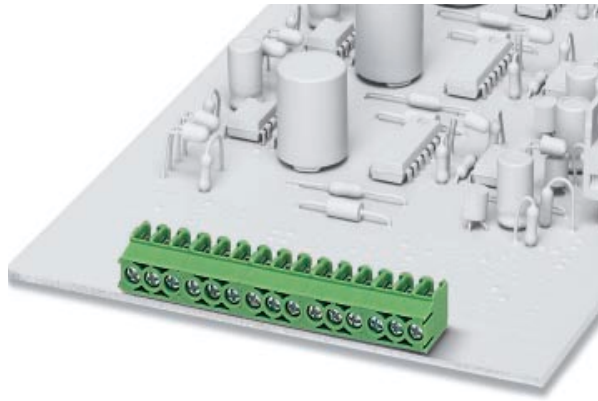


| Description                                                                                           | No. of pos.                                                                         | Dim.<br>a<br>[mm]                       | Type                            | Order No.  | Pcs./Pkt. |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------|------------|-----------|
| <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        |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| (1) Screwdriver                                                                                       |  |                                         | SZS 0,4 x 2,5                   | 12 05 03 7 | 10        |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| <b>Technical data</b>                                                                                 |                                                                                     |                                         |                                 |            |           |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| Dimensions                                                                                            |                                                                                     |                                         | see description                 |            |           |
| Pitch                                                                                                 |                                                                                     | [mm]                                    | 3.5                             |            |           |
| Hole diameter                                                                                         |                                                                                     | [mm]                                    | 1.2                             |            |           |
| Pin dimensions                                                                                        |                                                                                     | [mm]x[mm]                               | Ø 0.9                           |            |           |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| <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                      |            |           |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| <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)                      |            |           |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| <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]                                   | —                               |            |           |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| <b>Stripping length</b>                                                                               |                                                                                     | [mm]                                    | 5                               |            |           |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| <b>Internal cylindrical gauge (IEC 60 947-1)</b>                                                      |                                                                                     | —                                       | —                               |            |           |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| <b>Thread</b>                                                                                         |                                                                                     | —                                       | M 2                             |            |           |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| <b>Torque</b>                                                                                         |                                                                                     | [Nm]                                    | 0.25                            |            |           |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| <b>Insulating material</b>                                                                            |                                                                                     |                                         | PA                              |            |           |
| Inflammability class in acc. with UL 94                                                               |                                                                                     |                                         | V0                              |            |           |
| <hr/>                                                                                                 |                                                                                     |                                         |                                 |            |           |
| <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<br>—         |            |           |

<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.

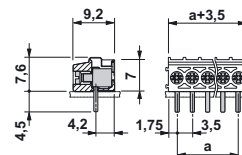
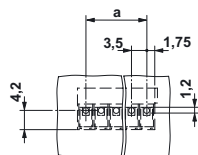


# Printed Circuit Screw Termination Blocks PT 1,5/...-3,5-V 3.5 mm Pitch

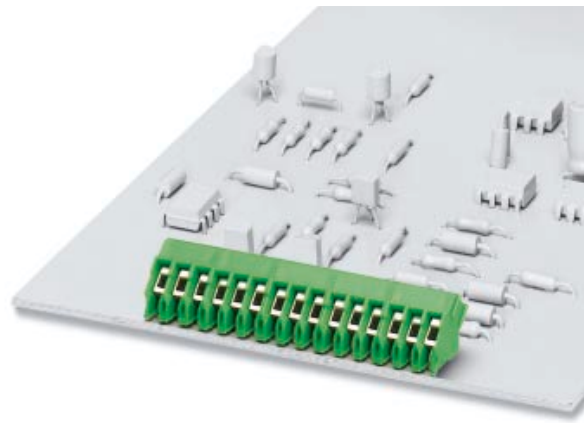


| Description                                                                                           | No. of pos. | Dim.<br>a<br>[mm]                       | Type                                                                                | Order No.            | Pcs./Pkt.         |           |
|-------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------|-------------------------------------------------------------------------------------|----------------------|-------------------|-----------|
| <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                |           |
| <b>(1) Screwdriver</b>                                                                                |             |                                         |  | <b>SZS 0,4 x 2,5</b> | <b>12 05 03 7</b> | <b>10</b> |
| <b>Technical data</b>                                                                                 |             |                                         |                                                                                     |                      |                   |           |
| Dimensions                                                                                            |             |                                         |                                                                                     |                      |                   |           |
| Pitch                                                                                                 |             | [mm]                                    | see description                                                                     |                      |                   |           |
| Hole diameter                                                                                         |             | [mm]                                    | 3.5                                                                                 |                      |                   |           |
| Pin dimensions                                                                                        |             | [mm]x[mm]                               | 1.2                                                                                 |                      |                   |           |
| Technical data in accordance with IEC/ DIN VDE                                                        |             |                                         |                                                                                     |                      |                   |           |
| Insulating material group                                                                             |             | —                                       | Ø 0.9                                                                               |                      |                   |           |
| 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>                                                                                         |             | —                                       | M 2                                                                                 |                      |                   |           |
| <b>Torque</b>                                                                                         |             | [Nm]                                    | 0.25                                                                                |                      |                   |           |
| <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 / 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.

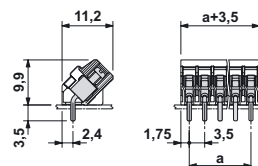
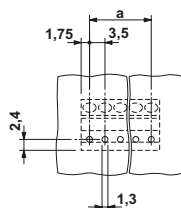


**Printed Circuit  
Screw Termination Blocks  
PTA 1,5/...-3,5  
3.5 mm Pitch**

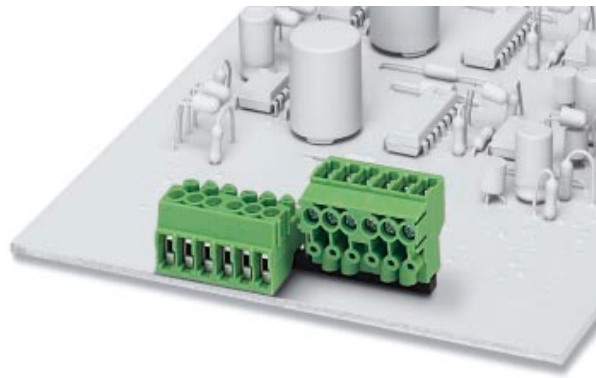


| Description                                                                                           | No. of pos. | Dim.<br>a<br>[mm]                       | Type                            | Order No.  | Pcs./Pkt. |
|-------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------|---------------------------------|------------|-----------|
| <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        |
| <b>(1) Screwdriver</b>                                                                                |             |                                         |                                 |            |           |
|                    |             |                                         | SIZE 0,4 x 2,5                  | 12 05 03 7 | 10        |
| <b>Technical data</b>                                                                                 |             |                                         |                                 |            |           |
| Dimensions                                                                                            |             |                                         |                                 |            |           |
| Pitch                                                                                                 |             | [mm]                                    | see description                 |            |           |
| Hole diameter                                                                                         |             | [mm]                                    | 3.5                             |            |           |
| Pin dimensions                                                                                        |             | [mm]x[mm]                               | 1.2                             |            |           |
| Ø 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]                                   | — / 0.75¹)                      |            |           |
| <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]                                   | —                               |            |           |
| Stripping length                                                                                      |             | [mm]                                    | 5                               |            |           |
| Internal cylindrical gauge (IEC 60 947-1)                                                             |             | —                                       | —                               |            |           |
| Thread                                                                                                |             | —                                       | M 2                             |            |           |
| Torque                                                                                                |             | [Nm]                                    | 0.25                            |            |           |
| <b>Insulating material</b>                                                                            |             |                                         |                                 |            |           |
| Inflammability class in acc. with UL 94                                                               |             |                                         | PA                              |            |           |
| Approval data (UL/CUL and CSA)                                                                        |             |                                         | V0                              |            |           |
| Nominal voltage / current / conductor sizes                                                           |             | UL/CUL: [V]/[A]/AWG<br>CSA: [V]/[A]/AWG | —<br>—                          |            |           |

<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.

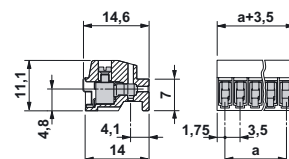


# Pluggable Screw Termination Blocks PT 1,5/...-PVH-3,5 3.5 mm Pitch

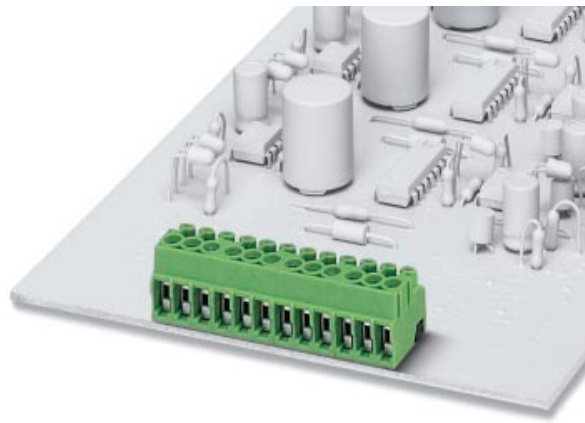


| Description                                                                                           | No. of pos. | Dim.<br>a<br>[mm]                       | Type                            | Order No.  | Pcs./Pkt. |
|-------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------|---------------------------------|------------|-----------|
| <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) <b>Coding profile</b> , is inserted into the hole on the plug, insulating material: red           |             |                                         |                                 |            |           |
|                                                                                                       |             |                                         |                                 |            |           |
| (2) <b>Screwdriver</b>                                                                                |             |                                         |                                 |            |           |
|                    |             |                                         |                                 |            |           |
| <b>Technical data</b>                                                                                 |             |                                         |                                 |            |           |
| Dimensions                                                                                            |             |                                         |                                 |            |           |
| Pitch                                                                                                 |             | [mm]                                    | see description                 |            |           |
| Hole diameter                                                                                         |             | [mm]                                    | 3.5                             |            |           |
| Pin dimensions                                                                                        |             | [mm]x[mm]                               | 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                                                                                         |             | [V]                                     | 160                             | 200        | 400       |
| Rated surge voltage                                                                                   |             | [kV]                                    | 2.5                             | 2.5        | 2.5       |
| Nominal current / cross section                                                                       |             | [A]/[mm²]                               |                                 | 8 / 1.5    |           |
| Maximum load current / cross section                                                                  |             | [A]/[mm²]                               |                                 | 8 / 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>                                                                                         |             | —                                       | M 2                             |            |           |
| <b>Torque</b>                                                                                         |             | [Nm]                                    | 0.25                            |            |           |
| <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 / 26 - 16<br>—         |            |           |

<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.

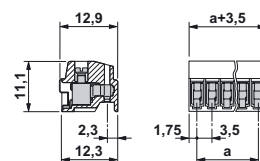


# Pluggable Screw Termination Blocks PT 1,5/...-PH-3,5 3.5 mm Pitch

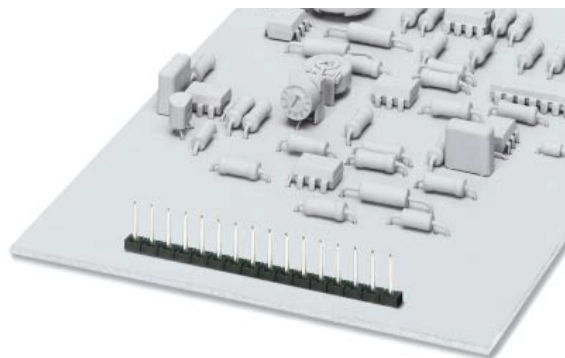


| Description                                                                                     | No. of pos.                                                                         | Dim.<br>a<br>[mm]                       | Type                            | Order No.  | Pcs./Pkt. |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------|------------|-----------|
| <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        |
|                                                                                                 |                                                                                     |                                         |                                 |            |           |
| (1) Screwdriver                                                                                 |  |                                         | SZS 0,4 x 2,5                   | 12 05 03 7 | 10        |
|                                                                                                 |                                                                                     |                                         |                                 |            |           |
| <b>Technical data</b>                                                                           |                                                                                     |                                         |                                 |            |           |
| Dimensions                                                                                      |                                                                                     |                                         | see description                 |            |           |
| Pitch                                                                                           |                                                                                     | [mm]                                    | 3.5                             |            |           |
| Hole diameter                                                                                   |                                                                                     | [mm]                                    | dependent on the pin strip used |            |           |
| Pin dimensions                                                                                  |                                                                                     | [mm]x[mm]                               | 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                                                                                   |                                                                                     | [V]                                     | 160                             | 200        | 400       |
| Rated surge voltage                                                                             |                                                                                     | [kV]                                    | 2.5                             | 2.5        | 2.5       |
| Nominal current / cross section                                                                 |                                                                                     | [A]/[mm²]                               |                                 | 8 / 1.5    |           |
| Maximum load current / cross section                                                            |                                                                                     | [A]/[mm²]                               |                                 | 8 / 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]                                   | —                               |            |           |
| Stripping length                                                                                |                                                                                     | [mm]                                    | 5                               |            |           |
| Internal cylindrical gauge (IEC 60 947-1)                                                       |                                                                                     | —                                       | —                               |            |           |
| Thread                                                                                          |                                                                                     | —                                       | M 2                             |            |           |
| Torque                                                                                          |                                                                                     | [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<br>—         |            |           |

<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.<br>a<br>[mm]   | Type                  | Order No.         | Pcs./Pkt.              |
|-------------------------------------------------------|-------------|---------------------|-----------------------|-------------------|------------------------|
| <b>Pin strip, 3.5 mm pitch,<br/>color: black</b>      | 2           | 3.5                 | <b>PST 1,0/2-3,5</b>  | <b>19 45 09 6</b> | <b>50<sup>1)</sup></b> |
|                                                       | 3           | 7                   | <b>PST 1,0/3-3,5</b>  | <b>19 45 10 6</b> |                        |
|                                                       | 4           | 10.5                | <b>PST 1,0/4-3,5</b>  | <b>19 45 11 9</b> |                        |
|                                                       | 5           | 14                  | <b>PST 1,0/5-3,5</b>  | <b>19 45 12 2</b> |                        |
|                                                       | 6           | 17.5                | <b>PST 1,0/6-3,5</b>  | <b>19 45 13 5</b> |                        |
|                                                       | 7           | 21                  | <b>PST 1,0/7-3,5</b>  | <b>19 45 14 8</b> |                        |
|                                                       | 8           | 24.5                | <b>PST 1,0/8-3,5</b>  | <b>19 45 15 1</b> |                        |
|                                                       | 9           | 28                  | <b>PST 1,0/9-3,5</b>  | <b>19 45 16 4</b> |                        |
|                                                       | 10          | 31.5                | <b>PST 1,0/10-3,5</b> | <b>19 45 17 7</b> |                        |
|                                                       | 11          | 35                  | <b>PST 1,0/11-3,5</b> | <b>19 45 18 0</b> |                        |
|                                                       | 12          | 38.5                | <b>PST 1,0/12-3,5</b> | <b>19 45 19 3</b> |                        |
|                                                       | 13          | 42                  | <b>PST 1,0/13-3,5</b> | <b>19 45 20 3</b> |                        |
|                                                       | 14          | 45.5                | <b>PST 1,0/14-3,5</b> | <b>19 45 21 6</b> |                        |
|                                                       | 15          | 49                  | <b>PST 1,0/15-3,5</b> | <b>19 45 22 9</b> |                        |
|                                                       | 16          | 52.5                | <b>PST 1,0/16-3,5</b> | <b>19 45 23 2</b> |                        |
|                                                       |             |                     |                       |                   |                        |
| <b>Technical data</b>                                 |             |                     |                       |                   |                        |
| Dimensions                                            |             |                     | see description       |                   |                        |
| Pitch                                                 |             | [mm]                | 3.5                   |                   |                        |
| Hole diameter                                         |             | [mm]                | 1.2                   |                   |                        |
| Pin dimensions                                        |             | [mm]x[mm]           | Ø 1                   |                   |                        |
| <b>Technical data in accordance with IEC/ DIN VDE</b> |             |                     |                       |                   |                        |
| Insulating material group                             |             | –                   | IIIa                  |                   |                        |
| Surge voltage category / contamination class          |             | –/–                 | III / 3               | III / 2           | II / 2                 |
| Rated voltage                                         |             | [V]                 | 160                   | 250               | 250                    |
| Rated surge voltage                                   |             | [kV]                | 2.5                   | 2.5               | 2.5                    |
| Nominal current / cross section                       |             | [A]/[mm²]           |                       | 8²)               |                        |
| Maximum load current / cross section                  |             | [A]/[mm²]           |                       | 8²)               |                        |
| <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 | 300 / 10 / --         |                   |                        |
|                                                       |             | CSA: [V]/[A]/AWG    | --                    |                   |                        |

<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.

