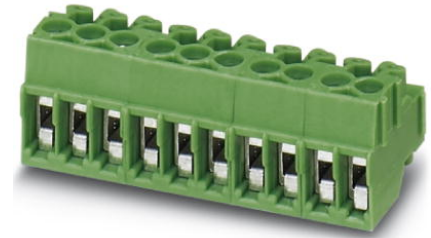


## PT 1,5/ 7-PVH-3,5

Order No.: 1984060

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1984060>

PCB terminal block, can be plugged onto pin strips vertically and horizontally, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, number of positions: 7, connection method: Screw connection

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918946067      |
| Pack                     | 100 Pcs.           |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.0051 KG          |
| Catalog page information | Page 419 (CC-2007) |

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

|             |         |
|-------------|---------|
| Length      | 14.6 mm |
| Height      | 11 mm   |
| Pitch       | 3.5 mm  |
| Dimension a | 21 mm   |

|                        |         |
|------------------------|---------|
| Number of positions    | 7       |
| Screw thread           | M 2     |
| Tightening torque, min | 0.25 Nm |

#### Technical data

|                                    |                     |
|------------------------------------|---------------------|
| Insulating material group          | I                   |
| Rated surge voltage (III/3)        | 2.5 kV              |
| Rated surge voltage (III/2)        | 2.5 kV              |
| Rated surge voltage (II/2)         | 2.5 kV              |
| Rated voltage (III/2)              | 200 V               |
| Rated voltage (II/2)               | 400 V               |
| Connection in acc. with standard   | EN-VDE              |
| Nominal current $I_N$              | 8 A                 |
| Nominal voltage $U_N$              | 160 V               |
| Nominal cross section              | 1.5 mm <sup>2</sup> |
| Maximum load current               | 8 A                 |
| Insulating material                | PA                  |
| Inflammability class acc. to UL 94 | V0                  |
| Stripping length                   | 5 mm                |

#### Connection data

|                                                                         |                      |
|-------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                   | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 0.75 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.                                  | 26                   |
| Conductor cross section AWG/kcmil max                                   | 16                   |
| 2 conductors with same cross section, solid min.                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                        | 0.34 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded min.                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                     | 0.5 mm <sup>2</sup>  |

## Certificates / Approvals



### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |
| AWG/kcmil             | 26-16 |

### UL

|                       |                   |
|-----------------------|-------------------|
| Nominal voltage $U_N$ | 300 V             |
| Nominal current $I_N$ | 10 A              |
| AWG/kcmil             | 26-16             |
| Certification         | CCA, CUL, SEV, UL |

## Accessories

| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

### General

|         |                |                                                                                |
|---------|----------------|--------------------------------------------------------------------------------|
| 1985564 | CP-PT 1,5      | Keying profile, is inserted into the hole in the plug, red insulating material |
| 1945148 | PST 1,0/ 7-3,5 | Pin strip, 3.5 mm pitch, color: Black                                          |

### Marking

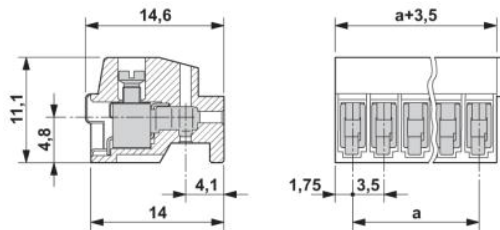
|         |                         |                                                                                                                                                                          |
|---------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0804073 | SK 3,5/2,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 140 terminal blocks |
|---------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Tools

|         |             |                                                                                                                                |
|---------|-------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1205037 | SZS 0,4X2,5 | Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade: 0.4 x 2.5 mm |
|---------|-------------|--------------------------------------------------------------------------------------------------------------------------------|

## Drawings

### Dimensioned drawing



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2008 Phoenix Contact  
Technical modifications reserved;