

# PTS 1,5/ 9-5,0-H


Order No.: 1792931



<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1792931>

PC terminal block, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 9, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

## Commercial data

|                          |  |
|--------------------------|--|
| EAN                      | <br>4 046356 616416 |
| Note                     | Made-to-order  |
| Pack                     | 100 pcs.   |
| Customs tariff           | 85369010   |
| Product key              | 05412  |
| country of origin        | DE   |
| Catalog page information | Page 521 (CC-2011)   |

## Product notes

WEEE/RoHS-compliant since:  
08/23/2010



<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 | 10.5 mm |
| Height | 16.1 mm |
| Width  | 45 mm   |
| Pitch  | 5 mm    |

|                     |        |
|---------------------|--------|
| Dimension a         | 40 mm  |
| Number of positions | 9      |
| Hole diameter       | 1.2 mm |

**Technical data**

|                                    |                     |
|------------------------------------|---------------------|
| Range of articles                  | PTS 1,5/..-H        |
| Insulating material group          | I                   |
| Rated surge voltage (III/3)        | 4 kV                |
| Rated surge voltage (III/2)        | 4 kV                |
| Rated surge voltage (II/2)         | 4 kV                |
| Rated voltage (III/3)              | 250 V               |
| Rated voltage (III/2)              | 400 V               |
| Rated voltage (II/2)               | 630 V               |
| Nominal current $I_N$              | 12 A                |
| Nominal cross section              | 1.5 mm <sup>2</sup> |
| Maximum load current               | 12 A                |
| Insulating material                | PA                  |
| Inflammability class acc. to UL 94 | V0                  |
| Stripping length                   | 8 mm                |

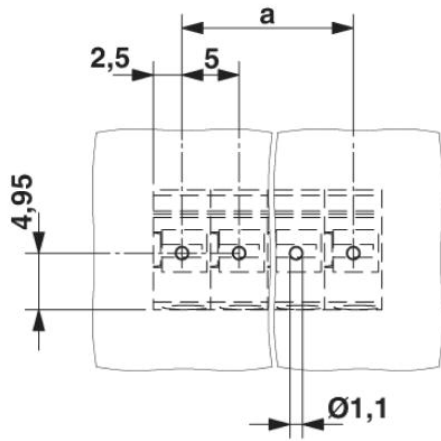
**Connection data**

|  |                      |
|--|----------------------|
| Conductor cross section solid min.   | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.   | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve 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.    | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 26                   |
| Conductor cross section AWG/kcmil max                                      | 14                   |

## Diagrams/Drawings

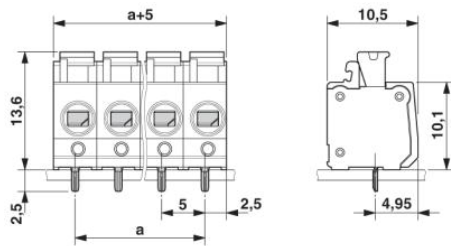
Drilling plan/solder pad geometry

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Dimensioned drawing

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