

## PCB terminal block - PTS 1,5/ 7-5,0-H - 1792915

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PC terminal block, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 7, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green



### Why buy this product

- ✓ Conductor cross section up to 2.5 mm²
- ✓ Compact design
- ✓ Conductor connection with direct plug-in technology
- ✓ Integrated release button
- ✓ Test connection

### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 0                                                                                                       |
| Minimum order quantity | 1                                                                                                       |
| Catalog page           | Page 521 (CC-2011)                                                                                      |
| GTIN                   | <br>4 046356 616393 |
| Custom tariff number   | 85369010                                                                                                |
| Country of origin      | GERMANY                                                                                                 |

### Technical data

#### Dimensions / positions

|                     |         |
|---------------------|---------|
| Length              | 10.5 mm |
| Height              | 16.1 mm |
| Width               | 35 mm   |
| Pitch               | 5 mm    |
| Dimension a         | 30 mm   |
| Number of positions | 7       |
| 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          |

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## Technical data

### Technical data

|                                         |                     |
|-----------------------------------------|---------------------|
| Rated voltage (III/3)                   | 250 V               |
| Rated voltage (III/2)                   | 400 V               |
| Rated voltage (II/2)                    | 630 V               |
| Nominal current IN                      | 12 A                |
| Nominal cross section                   | 1.5 mm <sup>2</sup> |
| Maximum load current                    | 12 A                |
| Insulating material                     | PA                  |
| Inflammability class according to UL 94 | V0                  |
| Stripping length                        | 8 mm                |
| Nominal voltage, UL/CUL Use Group B     | 300 V               |
| Nominal current, UL/CUL Use Group B     | 10 A                |
| Nominal voltage, UL/CUL Use Group D     | 300 V               |
| Nominal current, UL/CUL Use Group D     | 10 A                |

### 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                   |
| Minimum AWG according to UL/CUL                                            | 26                   |
| Maximum AWG according to UL/CUL                                            | 14                   |

## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |

### etim

|          |          |
|----------|----------|
| ETIM 4.0 | EC002643 |
|----------|----------|

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## Classifications

unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 34131203 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121432 |

## Approvals

### Certificates

Certification

UL Recognized / cUL Recognized / GOST / cULus Recognized

Certification EX

Certification submitted

### Approval details

|                            |       |       |
|----------------------------|-------|-------|
| UL Recognized              |       |       |
|                            | B     | D     |
| mm <sup>2</sup> /AWG/kcmil | 26-14 | 26-14 |
| Nominal current IN         | 10 A  | 10 A  |
| Nominal voltage UN         | 300 V | 300 V |

|                            |       |       |
|----------------------------|-------|-------|
| cUL Recognized             |       |       |
|                            | B     | D     |
| mm <sup>2</sup> /AWG/kcmil | 26-14 | 26-14 |
| Nominal current IN         | 10 A  | 10 A  |
| Nominal voltage UN         | 300 V | 300 V |

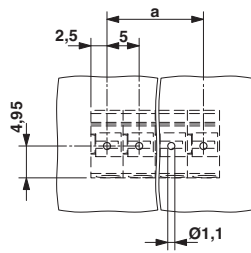
|      |
|------|
| GOST |
|------|

|                  |
|------------------|
| cULus Recognized |
|------------------|

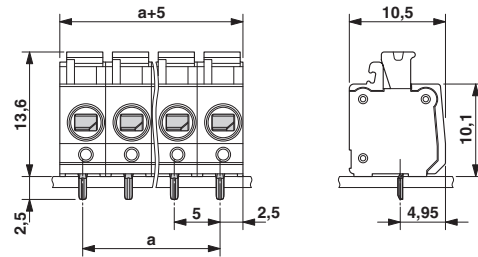
## Drawings

## PCB terminal block - PTS 1,5/ 7-5,0-H - 1792915

Drilling diagram



Dimensioned drawing



Diagram

