

# PCB terminal block - PTS 1,5/ 5-7,5-H - 1703087

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PC terminal block, Nominal current: 12 A, Nom. voltage: 630 V, Pitch: 7.5 mm, Number of positions: 5, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green



## Key commercial data

|                        |  |
|------------------------|--|
| Packing unit           | 0  |
| Minimum order quantity | 1  |
| Catalog page           | Page 521 (CC-2011)   |
| GTIN                   | <br>4 046356 635165 |
| Custom tariff number   | 85369010   |
| Country of origin      | GERMANY  |

## Technical data

### Dimensions / positions

|                     |         |
|---------------------|---------|
| Length              | 10.5 mm |
| Height              | 16.1 mm |
| Width               | 35 mm   |
| Pitch               | 7.5 mm  |
| Dimension a         | 30 mm   |
| Number of positions | 5       |
| Hole diameter       | 1.2 mm  |

### Technical data

|                                |                     |
|--------------------------------|---------------------|
| Range of articles              | PTS 1,5/...-H       |
| Insulating material group      | I                   |
| Rated surge voltage (III/3)    | 6 kV                |
| Rated surge voltage (III/2)    | 6 kV                |
| Rated surge voltage (II/2)     | 6 kV                |
| Rated voltage (III/3)          | 400 V               |
| Rated voltage (III/2)          | 630 V               |
| Rated voltage (II/2)           | 1000 V              |
| Nominal current I <sub>N</sub> | 12 A                |
| Nominal cross section          | 1.5 mm <sup>2</sup> |
| Maximum load current           | 12 A                |

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## Technical data

### Technical data

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

### unspsc

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

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## 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 I <sub>N</sub> | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

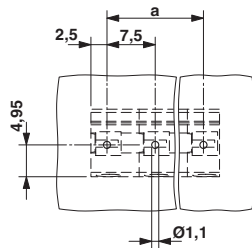
| cUL Recognized                 |       |       |
|--------------------------------|-------|-------|
|                                | B     | D     |
| mm <sup>2</sup> /AWG/kcmil     | 26-14 | 26-14 |
| Nominal current I <sub>N</sub> | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

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

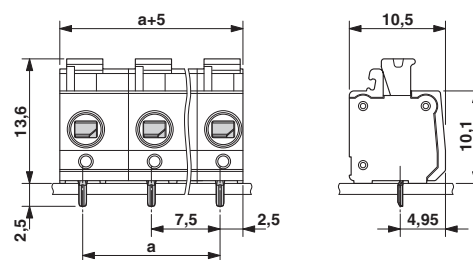
|                  |
|------------------|
| cULus Recognized |
|------------------|

## Drawings

### Drilling diagram

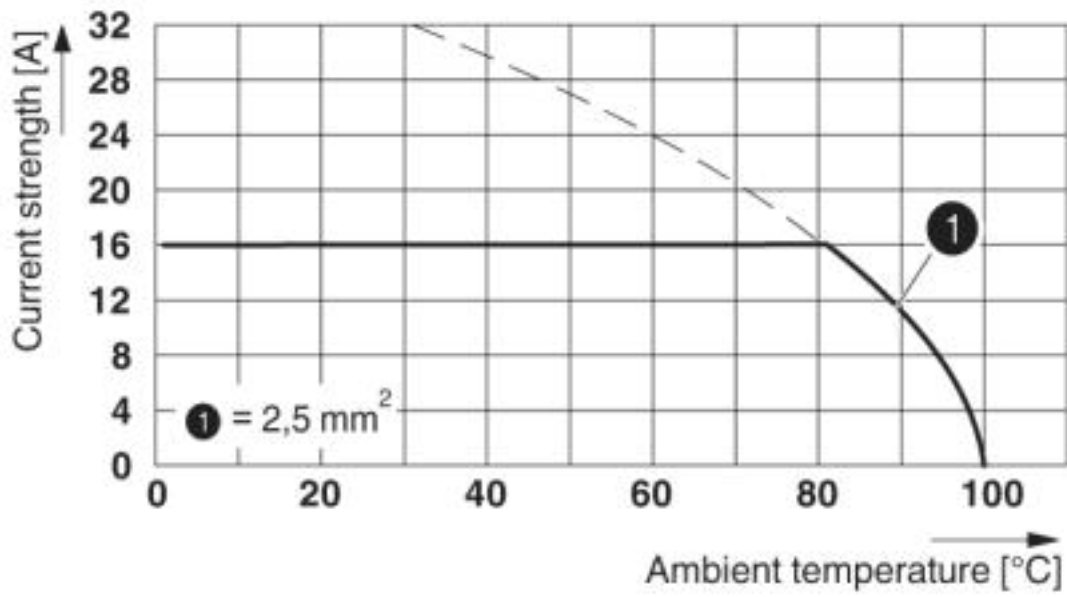


### Dimensioned drawing



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Diagram



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