

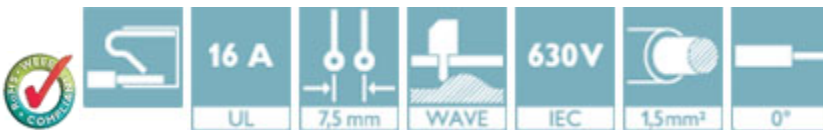
## PCB terminal block - PTS 1,5/ 3-7,5-H - 1703084

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PCB terminal block, Nominal current: 16 A, Nom. voltage: 630 V, Pitch: 7.5 mm, Number of positions: 3, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: green



The illustration shows the 10-position version



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 2.0 g    |
| Custom tariff number                 | 85369010 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|                          |               |
|--------------------------|---------------|
| Length                   | 10.5 mm       |
| Pitch                    | 7.50 mm       |
| Dimension a              | 15 mm         |
| Width                    | 20 mm         |
| Constructional height    | 13.6 mm       |
| Height                   | 16.1 mm       |
| Length of the solder pin | 2.5 mm        |
| Pin dimensions           | 0,83 x 0,5 mm |
| Hole diameter            | 1.2 mm        |

#### General

|                             |              |
|-----------------------------|--------------|
| Range of articles           | PTS 1,5/..-H |
| Insulating material group   | I            |
| Rated surge voltage (III/3) | 6 kV         |

## PCB terminal block - PTS 1,5/ 3-7,5-H - 1703084

### Technical data

#### General

|  |                     |
|--|---------------------|
| 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>         | 16 A                |
| Nominal cross section                  | 1.5 mm <sup>2</sup> |
| Maximum load current                   | 12 A                |
| Insulating material                    | PA                  |
| Solder pin surface                     | Sn                  |
| Flammability rating according to UL 94 | V0                  |
| Stripping length                       | 8 mm                |
| Number of positions                    | 3                   |

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

#### Standards and Regulations

|  |     |
|--|-----|
| Connection in acc. with standard       | CUL |
| Flammability rating according to UL 94 | V0  |

### Classifications

#### eCl@ss

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

# PCB terminal block - PTS 1,5/ 3-7,5-H - 1703084

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |
| eCl@ss 9.0 | 27440401 |

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / CCA / IECCE CB Scheme / EAC / EAC / cULus Recognized

#### Ex Approvals

#### Approvals 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 |

# PCB terminal block - PTS 1,5/ 3-7,5-H - 1703084

## Approvals

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

|   |         |
|---|---------|
| VDE Gutachten mit Fertigungsüberwachung |         |
| mm <sup>2</sup> /AWG/kcmil              | 0.2-2.5 |
| Nominal current I <sub>N</sub>          | 16 A    |
| Nominal voltage U <sub>N</sub>          | 450 V   |

|                                |         |
|--------------------------------|---------|
| CCA                            |         |
| mm <sup>2</sup> /AWG/kcmil     | 0.2-2.5 |
| Nominal current I <sub>N</sub> | 16 A    |
| Nominal voltage U <sub>N</sub> | 450 V   |

|                                |         |
|--------------------------------|---------|
| IECEE CB Scheme                |         |
| mm <sup>2</sup> /AWG/kcmil     | 0.2-2.5 |
| Nominal current I <sub>N</sub> | 16 A    |
| Nominal voltage U <sub>N</sub> | 450 V   |

|     |
|-----|
| EAC |
|-----|

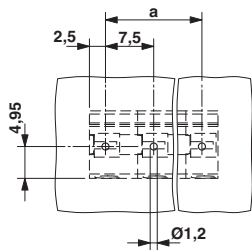
|     |
|-----|
| EAC |
|-----|

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

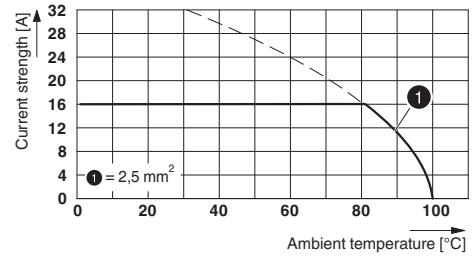
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## Drawings

Drilling diagram

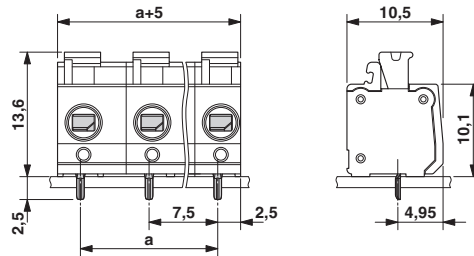


Diagram



Type: PTS 1,5/ 4-7,5-H  
Tested according to DIN EN 60512-5-2:2003-01  
Reduction factor = 1  
Number of positions: 4

Dimensional drawing



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