

## PCB terminal block - PTS 1,5/ 3-5,0-H - 1792876

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PCB terminal block, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 3, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

### Product Features

- ☒ Compact design
- ☒ Conductor cross section up to 2.5 mm<sup>2</sup>
- ☒ Test connection
- ☒ Integrated release button
- ☒ Conductor connection with direct plug-in technology

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 250           |
| GTIN             | 4046356615358 |

### Technical data

#### Dimensions

|                |               |
|----------------|---------------|
| Length         | 10.5 mm       |
| Height         | 16.1 mm       |
| Width          | 15 mm         |
| Pitch          | 5 mm          |
| Dimension a    | 10 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)    | 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 <sub>N</sub> | 12 A                |
| Nominal cross section          | 1.5 mm <sup>2</sup> |

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## Technical data

### General

|                                         |      |
|-----------------------------------------|------|
| Maximum load current                    | 12 A |
| Insulating material                     | PA   |
| Solder pin surface                      | Sn   |
| Inflammability class 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 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

### 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 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 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 |

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### classifications

#### UNSPSC

|                    |          |
|--------------------|----------|
| <b>UNSPSC 13.2</b> | 39121432 |
|--------------------|----------|

### approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

#### Approval details

| <b>UL Recognized</b>  |       |       |
|--------------------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                              | B     | D     |
| Nominal voltage UN                                                                                     | 300 V | 300 V |
| Nominal current IN                                                                                     | 10 A  | 10 A  |
| mm²/AWG/kcmil                                                                                          | 26-14 | 26-14 |

| <b>cUL Recognized</b>  |       |       |
|-----------------------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                                 | B     | D     |
| Nominal voltage UN                                                                                        | 300 V | 300 V |
| Nominal current IN                                                                                        | 10 A  | 10 A  |
| mm²/AWG/kcmil                                                                                             | 26-14 | 26-14 |

|                                                                                                 |
|-------------------------------------------------------------------------------------------------|
| <b>GOST</b>  |
|-------------------------------------------------------------------------------------------------|

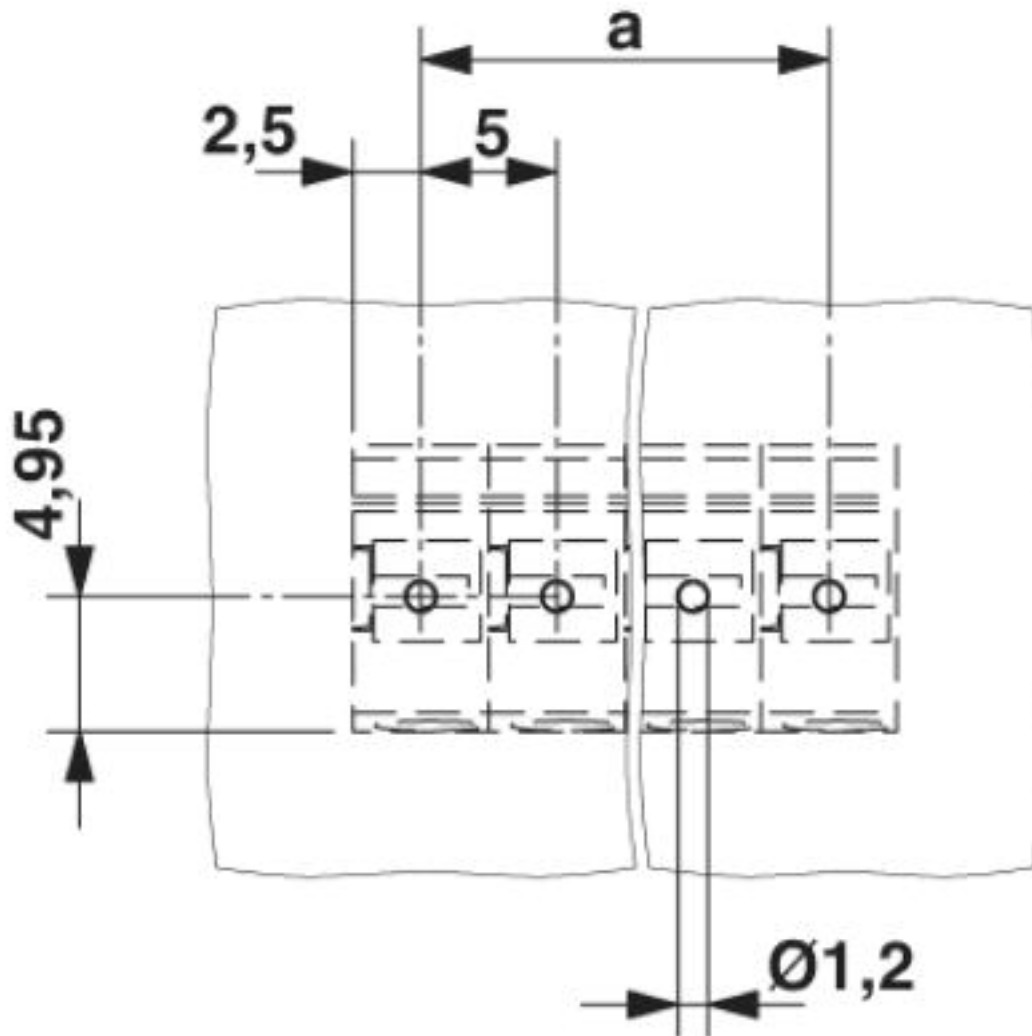
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|-------------------------------------------------------------------------------------|
|  |
|-------------------------------------------------------------------------------------|

|                                                                                                             |
|-------------------------------------------------------------------------------------------------------------|
| <b>cULus Recognized</b>  |
|-------------------------------------------------------------------------------------------------------------|

### Drawings

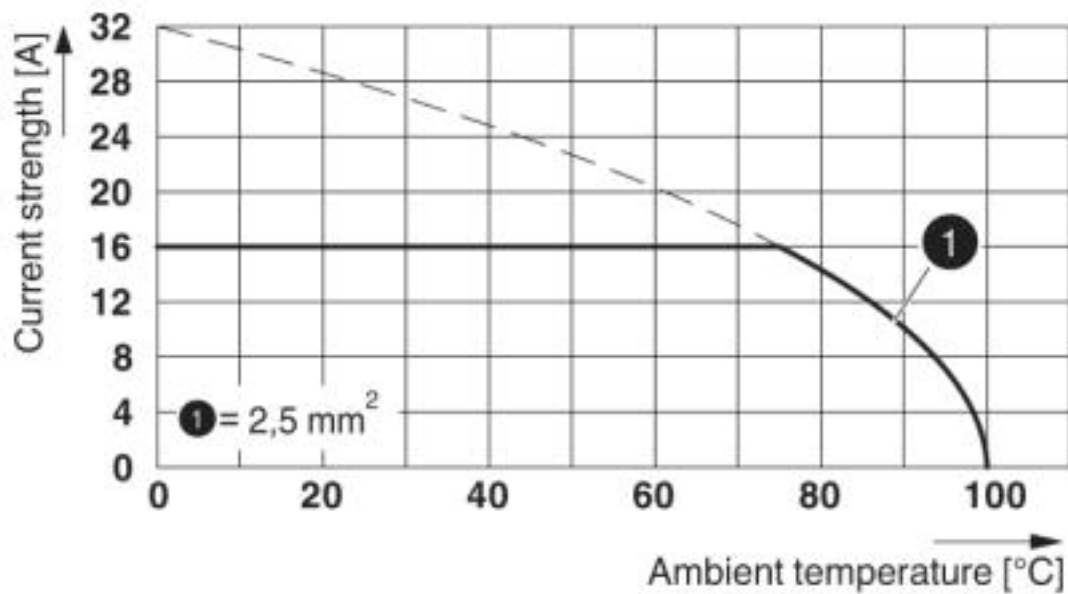
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Drilling diagram



## PCB terminal block - PTS 1,5/ 3-5,0-H - 1792876

Diagram



Dimensioned drawing

