

## PCB terminal block - SPT 35/ 5-V-15,00 - 1845373

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PCB terminal block, Nominal current: 125 A, Nom. voltage: 1000 V, Pitch: 15 mm, Number of positions: 5, Connection method: Push-in-/Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

The figure shows a 5-pos. version of the product



### Key Commercial Data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 pc     |
| Minimum order quantity | 20 pc    |
| Custom tariff number   | 85369010 |
| Country of origin      | China    |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Pitch                    | 15.00 mm     |
| Dimension a              | 60 mm        |
| Length of the solder pin | 5.9 mm       |
| Pin dimensions           | 1,5 x 1,5 mm |
| Pin spacing              | 16 mm        |
| Hole diameter            | 2.2 mm       |

#### General

|                             |        |
|-----------------------------|--------|
| Insulating material group   | I      |
| Rated surge voltage (III/3) | 8 kV   |
| Rated surge voltage (III/2) | 8 kV   |
| Rated surge voltage (II/2)  | 6 kV   |
| Rated voltage (III/3)       | 1000 V |
| Rated voltage (III/2)       | 1000 V |
| Rated voltage (II/2)        | 1000 V |

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## Technical data

### General

|  |                    |
|--|--------------------|
| Connection in acc. with standard       | EN-VDE             |
| Nominal current I <sub>N</sub>         | 125 A              |
| Nominal cross section                  | 35 mm <sup>2</sup> |
| Insulating material                    | PA                 |
| Flammability rating according to UL 94 | V0                 |
| Stripping length                       | 25 mm              |
| Number of positions                    | 5                  |

### Connection data

|  |                     |
|--|---------------------|
| Conductor cross section solid min.   | 1.5 mm <sup>2</sup> |
| Conductor cross section solid max.   | 16 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                      | 1.5 mm <sup>2</sup> |
| Conductor cross section flexible max.                                      | 35 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 1.5 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 35 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.    | 1.5 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.    | 35 mm <sup>2</sup>  |

### Standards and Regulations

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

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27141134 |
| eCl@ss 6.0 | 27141134 |

### ETIM

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

## Approvals

### Approvals

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### Approvals

cULus Recognized / VDE Zeichengenehmigung / IECCEB Scheme

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## Approvals

Ex Approvals


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Approvals submitted

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## Approval details

| cULus Recognized               |       |       |
|--------------------------------|-------|-------|
|                                | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 14-2  | 14-2  |
| Nominal current I <sub>N</sub> | 101 A | 101 A |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

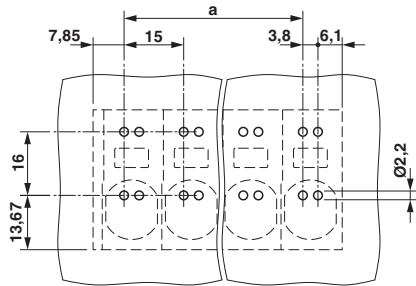
| VDE Zeichengenehmigung  |        |
|---|--------|
| mm <sup>2</sup> /AWG/kcmil  | 4-35   |
| Nominal current I <sub>N</sub>  | 125 A  |
| Nominal voltage U <sub>N</sub>  | 1000 V |

| IECEE CB Scheme  |        |
|---|--------|
| mm <sup>2</sup> /AWG/kcmil  | 35     |
| Nominal current I <sub>N</sub>  | 125 A  |
| Nominal voltage U <sub>N</sub>  | 1000 V |

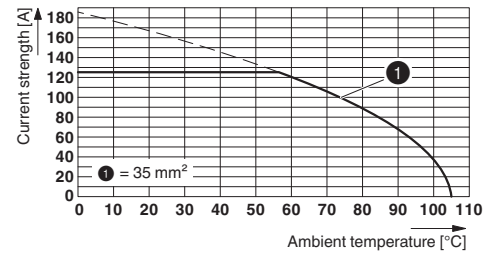
## Drawings

# PCB terminal block - SPT 35/ 5-V-15,00 - 1845373

Drilling diagram



Diagram



Dimensional drawing

