

## PCB terminal block - PT 1.5/ 2-3.5-V - 1984769

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PC terminal block, Nominal current: 17.5 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green



The figure shows a 10-position version of the product

### Product description

PC terminal block, Nominal current: 17.5 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

### Why buy this product

- ☒ Large terminal block capacity thanks to rectangular clamping space
- ☒ 3.5 mm pitch
- ☒ Rugged version with high current carrying capacity
- ☒ Highly flexible conductor protection for easy, repeated connection
- ☒ Plus/minus screw



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1                                                                                                       |
| Minimum order quantity               | 1                                                                                                       |
| Catalog page                         | Page 523 (CC-2011)                                                                                      |
| GTIN                                 | <br>4 017918 946319 |
| Weight per piece (including packing) | 0.0 GRM                                                                                                 |
| Weight per Piece (excluding packing) | 0.92 GRM                                                                                                |
| Country of origin                    | GERMANY                                                                                                 |

### Technical data

#### Dimensions / positions

|                     |        |
|---------------------|--------|
| Length              | 9 mm   |
| Height              | 7.6 mm |
| Pitch               | 3.5 mm |
| Dimension a         | 3.5 mm |
| Number of positions | 2      |
| Pin dimensions      | 0,9 mm |

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## Technical data

### Dimensions / positions

|                        |         |
|------------------------|---------|
| Pin spacing            | 3.5 mm  |
| Hole diameter          | 1.2 mm  |
| Screw thread           | M2      |
| Tightening torque, min | 0.22 Nm |
| Tightening torque max  | 0.25 Nm |

### Technical data

|                                         |                     |
|-----------------------------------------|---------------------|
| Range of articles                       | PT 1,5/..-V         |
| Insulating material group               | I                   |
| Rated surge voltage (III/3)             | 2.5 kV              |
| Rated surge voltage (III/2)             | 2.5 kV              |
| Rated surge voltage (II/2)              | 2.5 kV              |
| Rated voltage (III/3)                   | 160 V               |
| Rated voltage (III/2)                   | 200 V               |
| Rated voltage (II/2)                    | 400 V               |
| Connection in acc. with standard        | EN-VDE              |
| Nominal current I <sub>N</sub>          | 17.5 A              |
| Nominal cross section                   | 1.5 mm <sup>2</sup> |
| Maximum load current                    | 17.5 A              |
| Insulating material                     | PA                  |
| Inflammability class according to UL 94 | V0                  |
| Stripping length                        | 5 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.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded 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. | 0.75 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.                                  | 26                   |
| Conductor cross section AWG/kcmil max                                   | 16                   |
| 2 conductors with same cross section, solid min.                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                        | 0.34 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded min.                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                     | 0.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL                                         | 26                   |
| Maximum AWG according to UL/CUL                                         | 16                   |

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## Classifications

### eClass

|            |          |
|------------|----------|
| eClass 4.0 | 272607xx |
| eClass 4.1 | 27141109 |
| eClass 5.0 | 27141190 |
| eClass 5.1 | 27141190 |
| eClass 6.0 | 27261101 |

### etim

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |

### 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 / SEV / cUL Recognized / CCA / GOST / cULus Recognized

#### Certification EX

#### Certification submitted

## Approval details

| UL Recognized                  |       |       |
|--------------------------------|-------|-------|
|                                | B     | D     |
| mm²/AWG/kcmil                  | 26-16 | 26-16 |
| Nominal current I <sub>N</sub> | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

| SEV                            |      |
|--------------------------------|------|
| mm²/AWG/kcmil                  | 1.5  |
| Nominal current I <sub>N</sub> | 10 A |

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### Approvals

|                    |       |
|--------------------|-------|
| Nominal voltage UN | 160 V |
|--------------------|-------|

|                    |       |       |
|--------------------|-------|-------|
| cUL Recognized     |       |       |
|                    | B     | D     |
| mm²/AWG/kcmil      | 26-16 | 26-16 |
| Nominal current IN | 10 A  | 10 A  |
| Nominal voltage UN | 300 V | 300 V |

|                    |       |
|--------------------|-------|
| CCA                |       |
| mm²/AWG/kcmil      | 1.5   |
| Nominal current IN | 10 A  |
| Nominal voltage UN | 160 V |

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

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

### Accessories

#### Accessories

#### Marking

Marker cards - SK 3,5/2,8:FORTL.ZAHLEN - 0804073

Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive



Marker cards - SK 3,5/2,8:SO - 0805030

Marker cards, white, Mounting type: Adhesive, For terminal block width: 3.5 mm



#### Tools

## PCB terminal block - PT 1.5/ 2-3.5-V - 1984769

### Accessories

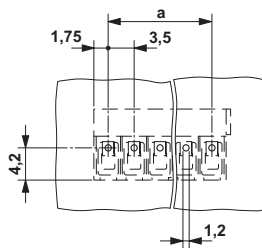
Screwdriver - SZS 0,4X2,5 VDE - 1205037

Screwdriver, bladed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

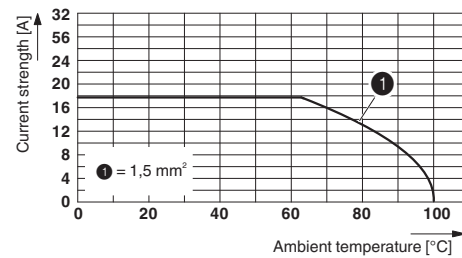


### Drawings

#### Drilling diagram



#### Diagram



Derating diagram for 5 pins; reduction factor=1

#### Dimensioned drawing

