

## PCB terminal block - MPT 0,5/ 4-2,54 - 1725672

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PCB terminal block, Nominal current: 6 A, Nom. voltage: 160 V, Pitch: 2.54 mm, Number of positions: 4, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green



The figure shows a 10-position version of the product

### Product Features

- ✓ Single-row type with horizontal connection direction
- ✓ Use in miniature modules with high contact density
- ✓ MICRO PCB terminal block with 2.54 mm IC pitch



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 017918 116279 |
| Weight per Piece (excluding packing) | 1.27 GRM                                                                                                |
| Custom tariff number                 | 85369010                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 6.2 mm       |
| Pitch          | 2.54 mm      |
| Dimension a    | 7.62 mm      |
| Pin dimensions | 0,5 x 0,9 mm |
| Hole diameter  | 1.1 mm       |

#### General

|                   |         |
|-------------------|---------|
| Range of articles | MPT 0,5 |
|-------------------|---------|

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## Technical data

### General

|                                         |                     |
|-----------------------------------------|---------------------|
| Insulating material group               | I                   |
| Rated surge voltage (III/3)             | 1.5 kV              |
| Rated surge voltage (III/2)             | 1.5 kV              |
| Rated surge voltage (II/2)              | 2.5 kV              |
| Rated voltage (III/3)                   | 63 V                |
| Rated voltage (III/2)                   | 160 V               |
| Rated voltage (II/2)                    | 320 V               |
| Connection in acc. with standard        | EN-VDE              |
| Nominal current $I_N$                   | 6 A                 |
| Nominal cross section                   | 0.5 mm <sup>2</sup> |
| Maximum load current                    | 6 A                 |
| Insulating material                     | PA                  |
| Solder pin surface                      | Sn                  |
| Inflammability class according to UL 94 | V0                  |
| Stripping length                        | 4.5 mm              |
| Number of positions                     | 4                   |
| Screw thread                            | M1,6                |
| Tightening torque, min                  | 0.12 Nm             |
| Tightening torque max                   | 0.15 Nm             |

### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 0.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 0.5 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. | 0.34 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.    | 0.34 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.                                     | 26                   |
| Conductor cross section AWG/kcmil max                                      | 20                   |
| 2 conductors with same cross section, solid min.                           | 0.14 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.                        | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                        | 0.34 mm <sup>2</sup> |
| Minimum AWG according to UL/CUL                                            | 30                   |
| Maximum AWG according to UL/CUL                                            | 20                   |

## PCB terminal block - MPT 0,5/ 4-2,54 - 1725672

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| 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 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

#### UNSPSC

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

### Approvals

#### Approvals

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##### Approvals

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

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##### Ex Approvals

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##### Approvals submitted

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##### Approval details

## PCB terminal block - MPT 0,5/ 4-2,54 - 1725672

### Approvals

|                                                                                       |       |
|---------------------------------------------------------------------------------------|-------|
| CSA  |       |
|                                                                                       | B     |
| mm²/AWG/kcmil                                                                         | 28-20 |
| Nominal current I <sub>N</sub>                                                        | 6 A   |
| Nominal voltage U <sub>N</sub>                                                        | 125 V |

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
|                                                                                                 | B     |
| mm²/AWG/kcmil                                                                                   | 30-20 |
| Nominal current I <sub>N</sub>                                                                  | 6 A   |
| Nominal voltage U <sub>N</sub>                                                                  | 125 V |

|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
|                                                                                                    | B     |
| mm²/AWG/kcmil                                                                                      | 30-20 |
| Nominal current I <sub>N</sub>                                                                     | 6 A   |
| Nominal voltage U <sub>N</sub>                                                                     | 125 V |

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

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

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

### Accessories

#### Accessories

## PCB terminal block - MPT 0,5/ 4-2,54 - 1725672

### Accessories

#### Labeled terminal marker

Marker cards - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, For terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

### Screwdriver tools

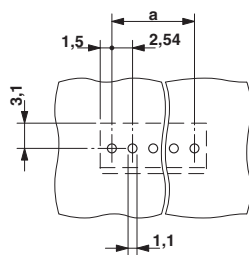
Screwdriver - SZS 0,4X2,0 - 1205202



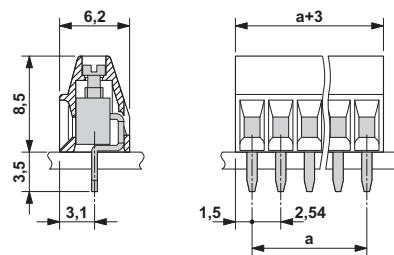
Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap

### Drawings

Drilling diagram



Dimensioned drawing



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