

PCB terminal block - PT 1,5/ 4-PH-3,5 - 1984332

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 200 V, Number of positions: 4, Pitch: 3.5 mm, Connection method: Screw connection with wire protector, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Product Features

- Large terminal block capacity thanks to rectangular clamping space
- Plugs with a rugged and reliable contact system
- Highly flexible conductor protection for easy, repeated connection
- Plus/minus screw
- Coding option



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 250 pc |
| Weight per Piece (excluding packing) | 2.69 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|-------------|---------|
| Length | 12.9 mm |
| Height | 11 mm |
| Pitch | 3.50 mm |
| Dimension a | 10.5 mm |

General

| | |
|-------------------|--------------|
| Range of articles | PT 1,5/..-PH |
|-------------------|--------------|

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Technical data

General

| | |
|--|---------------------|
| 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_N | 8 A |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 8 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 5 mm |
| Number of positions | 4 |
| Screw thread | M2 |
| Tightening torque, min | 0.22 Nm |
| Tightening torque max | 0.25 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.75 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 16 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 0.34 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 0.5 mm ² |
| Minimum AWG according to UL/CUL | 26 |
| Maximum AWG according to UL/CUL | 16 |

Standards and Regulations

| | |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |

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Technical data

Standards and Regulations

| | |
|--|----|
| 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 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440309 |
| eCl@ss 9.0 | 27440309 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

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 / EAC / SEV / CCA / EAC / cULus Recognized


Ex Approvals


Approvals submitted

PCB terminal block - PT 1,5/ 4-PH-3,5 - 1984332

Approvals

Approval details

| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 26-16 | 26-16 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 26-16 | 26-16 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

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

| | |
|--------------------------------|-------|
| SEV | |
| | |
| mm ² /AWG/kcmil | 1.5 |
| Nominal current I _N | 6 A |
| Nominal voltage U _N | 160 V |

| | |
|--------------------------------|-------|
| CCA | |
| | |
| mm ² /AWG/kcmil | 1.5 |
| Nominal current I _N | 6 A |
| Nominal voltage U _N | 160 V |

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

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

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Accessories

Accessories

Coding element

Accessories - CP-PT 1,5 - 1985564

Coding profile, is inserted into the hole in the plug, red insulating material



Screwdriver tools

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



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

Additional products

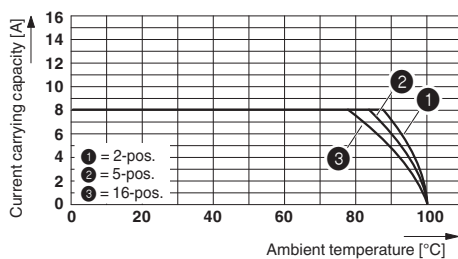
Pin strip - PST 1,0/ 4-3,5 - 1945119



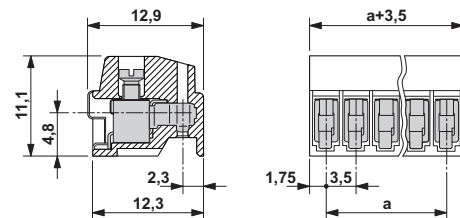
Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 4, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

Drawings

Diagram



Dimensional drawing



Mouser Electronics

Authorized Distributor

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