

PCB terminal block - PT 1,5/ 2-PVH-5,0 - 1934861

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 400 V, Number of positions: 2, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Product Features

- ✓ Connectors with two integrated plug-in directions
- ✓ 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



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 250 pc |
| Weight per Piece (excluding packing) | 2.48 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|-------------|---------|
| Length | 14.9 mm |
| Height | 11.3 mm |
| Width | 10 mm |
| Pitch | 5 mm |
| Dimension a | 5 mm |

General

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

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Technical data

General

| | |
|---|---------------------|
| 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 |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 12 A |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 12 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A1 |
| Stripping length | 5 mm |
| Number of positions | 2 |
| Screw thread | M2,6 |
| Tightening torque, min | 0.35 Nm |
| Tightening torque max | 0.4 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve 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. | 1.5 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 14 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |

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Technical data

Connection data

| | |
|---|----------|
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.34 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.75 mm² |
| Minimum AWG according to UL/CUL | 26 |
| Maximum AWG according to UL/CUL | 12 |

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 |

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 / cULus Recognized


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Approvals

Ex Approvals

Approvals submitted


Approval details

| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | D |
| mm²/AWG/kcmil | 26-12 | 26-12 |
| Nominal current I _N | 15 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | D |
| mm²/AWG/kcmil | 26-12 | 26-12 |
| Nominal current I _N | 15 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

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

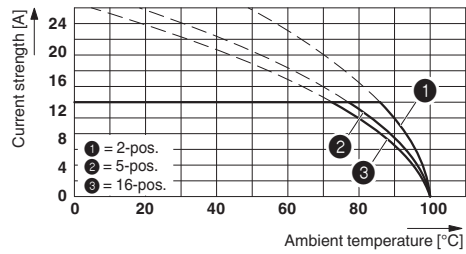
| | |
|--------------------------------|-------|
| SEV | |
| | |
| mm²/AWG/kcmil | 2.5 |
| Nominal current I _N | 10 A |
| Nominal voltage U _N | 250 V |

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

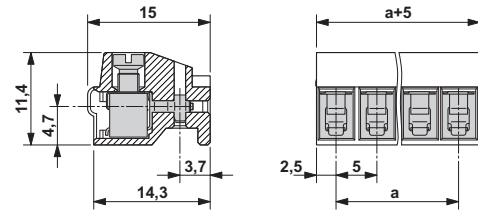
Drawings

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Diagram



Dimensional drawing



Derating diagram for conductor cross section 2.5 mm²; reduction factor = 0.8