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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, Also possible: Connection of a 1.5 mm² conductor with ferrule, then however with reduction in rated voltage or pollution degree / surge category.



The figure shows a 10-position version of the product

Product Features

- ☑ Large terminal block capacity thanks to rectangular clamping space
- Rugged version with high current carrying capacity
- 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) | 3.02 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

| Length | 9 mm |
|----------------|---------|
| Height | 11.3 mm |
| Pitch | 5 mm |
| Dimension a | 10 mm |
| Pin dimensions | 1,0 mm |
| Pin spacing | 5 mm |
| Hole diameter | 1.3 mm |

General



Technical data

General

| Range of articles | PT 1,5/H |
|---|----------|
| 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 | 17.5 A |
| Nominal cross section | 1.5 mm² |
| Maximum load current | 17.5 A |
| Insulating material | PA |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A1 |
| Stripping length | 5 mm |
| Number of positions | 3 |
| 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 mm² |
|--|----------------------|
| Conductor cross section solid max. | 2.5 mm² |
| Conductor cross section flexible min. | 0.2 mm² |
| Conductor cross section flexible max. | 2.5 mm² |
| 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 mm² |
| 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 mm² |
| 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 mm² |
| 2 conductors with same cross section, stranded min. | 0.2 mm² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |



Technical data

Connection data

| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm² |
|---|----------|
| 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. | |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.75 mm² |

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 | 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 | 34131203 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / CCA / VDE Gutachten mit Fertigungsüberwachung / CCA / IECEE CB Scheme / EAC / SEV / cULus Recognized



Approvals

Nominal voltage UN

| Approvaio | | | | |
|----------------------------------|-----------|---------|---------|--|
| Ex Approvals | | | | |
| Approvals submitted | | | | |
| Approval details | | | | |
| UL Recognized S | | | | |
| | В | | D | |
| mm²/AWG/kcmil | 26-12 | | 26-12 | |
| Nominal current IN | 18 A | | 10 A | |
| Nominal voltage UN | 300 V | | 300 V | |
| | | | | |
| cUL Recognized | В | | D | |
| mm²/AWG/kcmil | 26-12 | | 26-12 | |
| Nominal current IN | 18 A | | 10 A | |
| Nominal voltage UN | 300 V | | 300 V | |
| CCA | | | | |
| | | | | |
| mm²/AWG/kcmil | | | 2.5 | |
| Nominal current IN | | | 16 A | |
| Nominal voltage UN | | 250 V | 250 V | |
| VDE Gutachten mit Fertigungsüber | wachung 슚 | | | |
| | | | | |
| mm²/AWG/kcmil | | 0.2-2.5 | 0.2-2.5 | |
| Nominal current IN | | 24 A | 24 A | |

250 V



Approvals

| CCA | |
|--------------------|---------|
| | |
| mm²/AWG/kcmil | 0.2-2.5 |
| Nominal current IN | 24 A |
| Nominal voltage UN | 250 V |

| IECEE CB Scheme CB | |
|--------------------|---------|
| | |
| mm²/AWG/kcmil | 0.2-2.5 |
| Nominal current IN | 24 A |
| Nominal voltage UN | 250 V |

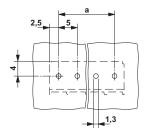
EAC

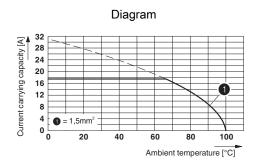
| SEV | |
|--------------------|-------|
| | |
| mm²/AWG/kcmil | 2.5 |
| Nominal current IN | 16 A |
| Nominal voltage UN | 250 V |

cULus Recognized C S Us

Drawings

Drilling diagram

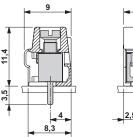


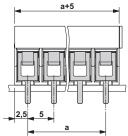


Derating diagram for 5 pins;reduction factor=1



Dimensional drawing





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