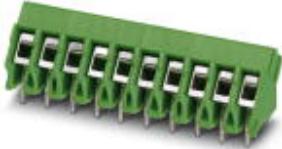


PCB terminal block - PTA 1,5/12-5,0 - 1988901

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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 12, Connection method: Screw connection with wire protector, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green



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 | 50 pc |
| Weight per Piece (excluding packing) | 12.8 g |
| Custom tariff number | 85369010 |
| Country of origin | Greece |

Technical data

Dimensions

| | |
|--------------------------|---------|
| Pitch | 5.00 mm |
| Dimension a | 55 mm |
| Length of the solder pin | 3.5 mm |
| Pin dimensions | 1.0 mm |
| Pin spacing | 5 mm |
| Hole diameter | 1.3 mm |

General

PCB terminal block - PTA 1,5/12-5,0 - 1988901

Technical data

General

| | |
|--|---------------------|
| Range of articles | PTA 1,5 |
| 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 mm ² |
| Maximum load current | 24 A |
| Insulating material | PA |
| Solder pin surface | Sn |
| Flammability rating according to UL 94 | V0 |
| Internal cylindrical gage | A1 / B1 |
| Stripping length | 5 mm |
| Number of positions | 12 |
| Screw thread | M2,6 |
| Tightening torque, min | 0.35 Nm |
| Tightening torque max | 0.4 Nm |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section flexible min. | 0.14 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. | 0.14 mm ² |
| 2 conductors with same cross section, solid max. | 1 mm ² |
| 2 conductors with same cross section, stranded min. | 0.14 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |

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Technical data

Connection data

| | |
|---|----------------------|
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.34 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.75 mm ² |

Standards and Regulations

| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |
| 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 | 27440401 |
| eCl@ss 9.0 | 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 |

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Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

| UL Recognized  | | |
|--|-------|-------|
| | B | D |
| mm ² /AWG/kcmil | 26-12 | 26-12 |
| Nominal current IN | 15 A | 10 A |
| Nominal voltage UN | 300 V | 300 V |

| cUL Recognized  | | |
|--|-------|-------|
| | B | D |
| mm ² /AWG/kcmil | 26-12 | 26-12 |
| Nominal current IN | 15 A | 10 A |
| Nominal voltage UN | 300 V | 300 V |

| VDE Gutachten mit Fertigungsüberwachung  | |
|---|---------|
| | |
| mm ² /AWG/kcmil | 0.2-2.5 |
| Nominal current IN | 24 A |
| Nominal voltage UN | 250 V |

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Approvals

| | |
|----------------------------|---------|
| CCA | |
| mm ² /AWG/kcmil | 0.2-2.5 |
| Nominal current IN | 24 A |
| Nominal voltage UN | 250 V |

| | |
|---|---------|
| IECEE CB Scheme  | |
| mm ² /AWG/kcmil | 0.2-2.5 |
| Nominal current IN | 24 A |
| Nominal voltage UN | 250 V |

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



Accessories

Accessories

Labeled terminal marker

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

Screwdriver tools

PCB terminal block - PTA 1,5/12-5,0 - 1988901

Accessories

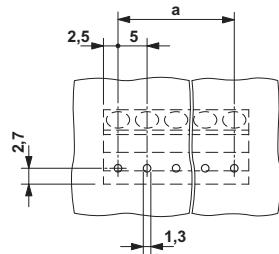
Screwdriver - Szs 0,6x3,5 - 1205053



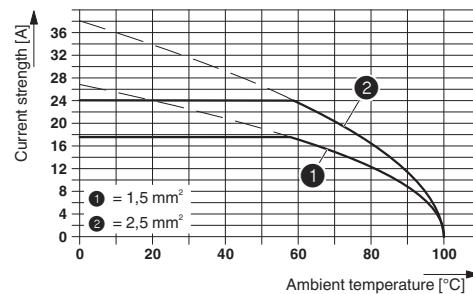
Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

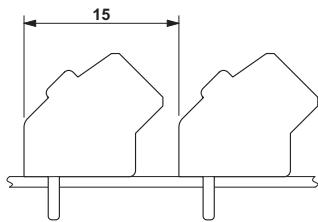
Drilling diagram



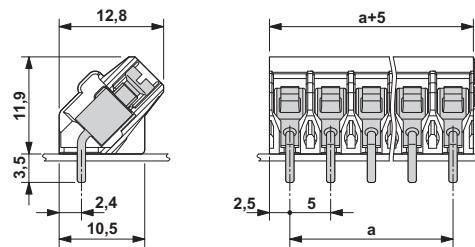
Diagram



Dimensional drawing



Dimensional drawing



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