

PCB terminal block - PT 1,5/ 9-5,0-H - 1935239

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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 9, 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

- 5.0 mm pitch
- 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 | 100 pc |
| Weight per Piece (excluding packing) | 9.06 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|----------------|---------|
| Length | 9 mm |
| Height | 11.3 mm |
| Pitch | 5 mm |
| Dimension a | 40 mm |
| Pin dimensions | 1,0 mm |
| Pin spacing | 5 mm |
| Hole diameter | 1.3 mm |

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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 mm ² |
| Maximum load current | 17.5 A |
| Insulating material | PA |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A 1 |
| Stripping length | 5 mm |
| Number of positions | 9 |
| 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 stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 1.5 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil 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 |

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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. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.75 mm ² |
| 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 | 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

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Approvals

Approvals

UL Recognized / cUL Recognized / CCA / VDE Gutachten mit Fertigungsüberwachung / CCA / IEC66 CB Scheme / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| UL Recognized  | | |
|---|-------|-------|
| | B | D |
| mm ² /AWG/kcmil | 26-12 | 26-12 |
| Nominal current IN | 18 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 | 18 A | 10 A |
| Nominal voltage UN | 300 V | 300 V |

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

| VDE Gutachten mit Fertigungsüberwachung  | |
|---|---------|
| mm ² /AWG/kcmil | 0.2-2.5 |

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Approvals

| | |
|--------------------|-------|
| | |
| Nominal current IN | 24 A |
| Nominal voltage UN | 250 V |

| | |
|----------------------------|---------|
| 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 |

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

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

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

Accessories

Accessories

Labeled terminal marker

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Accessories

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



Marker cards, 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

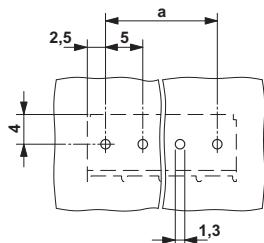
Screwdriver - SZS 0,6X3,5 - 1205053



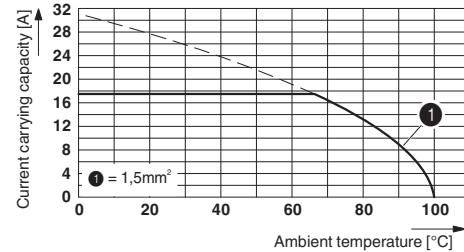
Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

Drilling diagram

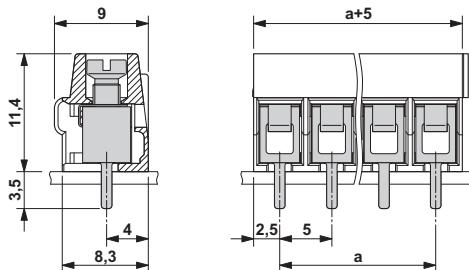


Diagram



Derating diagram for 5 pins; reduction factor=1

Dimensioned drawing



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