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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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PCB terminal block - PTSA 1,5/16-3,5-F - 1985108

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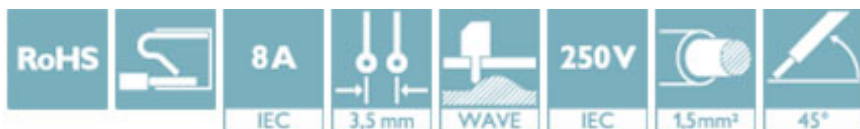


PCB terminal block, nominal current: 8 A, nom. voltage: 250 V, pitch: 3.5 mm, number of positions: 16, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green. Soldering legs in front area, one-rowed

The figure shows a 10-position version of the product

Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Angled connection enables multi-row arrangement on the PCB



Key Commercial Data

| | |
|------------------------|---------------|
| Packing unit | 60 STK |
| Minimum order quantity | 60 STK |
| GTIN | |
| GTIN | 4017918922184 |

Technical data

Dimensions

| | |
|-----------------------|---------------|
| Length [l] | 12 mm |
| Pitch | 3.5 mm |
| Dimension a | 52.5 mm |
| Width [w] | 57.5 mm |
| Constructional height | 13.1 mm |
| Height [h] | 16.7 mm |
| Solder pin [P] | 3.6 mm |
| Pin dimensions | 0,4 x 0,75 mm |
| Pin spacing | 3.5 mm |
| Hole diameter | 1 mm |

General

PCB terminal block - PTSA 1,5/16-3,5-F - 1985108

Technical data

General

| | |
|--|---------------------|
| Range of articles | PTSA 1,5 |
| 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) | 200 V |
| Rated voltage (III/2) | 250 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 | 9 mm |
| Number of positions | 16 |

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 without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1 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. | 0.5 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 16 |

Standards and Regulations

| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |
| Flammability rating according to UL 94 | V0 |

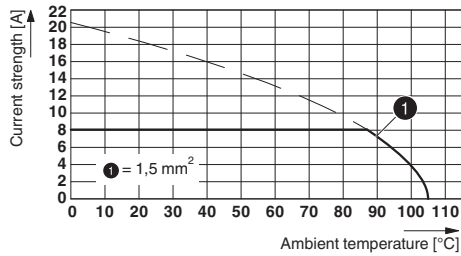
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

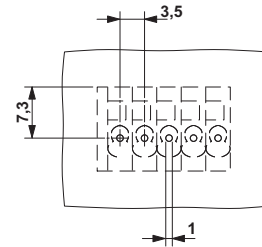
Drawings

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Diagram



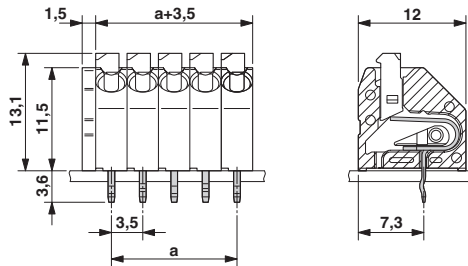
Drilling diagram



Type: PTSA 1,5/...-3,5-F

The figure shows the drilling diagram of the 5-position product version

Dimensional drawing



The figure shows the dimensional drawing of the 5-position product version

Approvals

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / CCA / EAC / cULus Recognized

Ex Approvals

Approval details


| | | | |
|---|----------|---|----------|
| VDE Gutachten mit Fertigungsüberwachung | | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40018594 |
| Nominal voltage UN | 130 V | | |
| Nominal current IN | 2 A | | |
| mm²/AWG/kcmil | 0.5-0.75 | | |

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Approvals

| | |
|----------------------------|------------------------|
| CCA | CCA/DE1 34182/33276 |
| Nominal current IN | 2 A |
| mm ² /AWG/kcmil | 0.75 |

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20030527 |
| | D | B | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 5 A | 5 A | |
| mm ² /AWG/kcmil | 24-16 | 24-16 | |

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