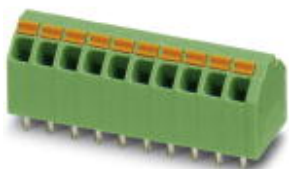


PCB terminal block - SPTA 1,5/ 7-3,81 - 1743184

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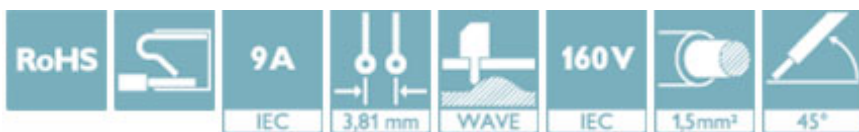
PCB terminal block, nominal current: 9 A, nom. voltage: 160 V, pitch: 3.81 mm, number of positions: 7, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green



The figure shows the 10-position version

Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Intuitive use through colour coded actuation lever
- Angled connection enables multi-row arrangement on the PCB
- Quick and convenient testing using integrated test option
- Two solder pins reduce the mechanical strain on the soldering spots



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 50 STK |
| GTIN | |
| GTIN | 4046356302852 |

Technical data

Dimensions

| | |
|-----------------------|--------------|
| Length [l] | 12 mm |
| Pitch | 3.81 mm |
| Dimension a | 22.86 mm |
| Width [w] | 28.17 mm |
| Constructional height | 12 mm |
| Height [h] | 15.4 mm |
| Solder pin [P] | 3.4 mm |
| Pin dimensions | 0,6 x 1,0 mm |
| Pin spacing | 7 mm |

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Technical data

Dimensions

| | |
|---------------|--------|
| Hole diameter | 1.1 mm |
|---------------|--------|

General

| | |
|--|---------------------|
| Range of articles | SPTA 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) | 160 V |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 9 A |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 9 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 10 mm |
| Number of positions | 7 |

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. | 1.5 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. | 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 |

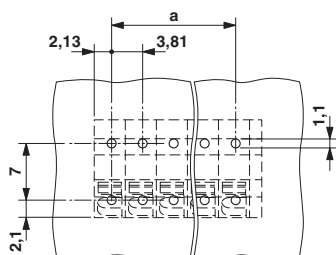
Environmental Product Compliance

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

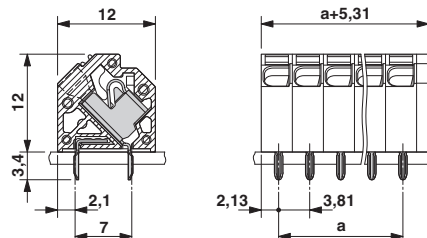
Drawings

PCB terminal block - SPTA 1,5/ 7-3,81 - 1743184

Drilling diagram



Dimensional drawing



The front solder pin is for additional mechanical stability only; it does not have any electrical properties

Approvals

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / 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 | 40029329 |
| Nominal voltage UN | 130 V | | |
| Nominal current IN | 9 A | | |
| mm ² /AWG/kcmil | 0.2-1.5 | | |

| | | | |
|-----------------|--|---|-----------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-58146 |
|-----------------|--|---|-----------|

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

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Approvals

| | | |
|----------------------------|---|---|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-20061129 |
| | | B |
| Nominal voltage UN | | 300 V |
| Nominal current IN | | 10 A |
| mm ² /AWG/kcmil | | 26-16 |

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