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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.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PCB terminal block - SPT-THR 1,5/ 8-H-3,81 P26 - 1822927

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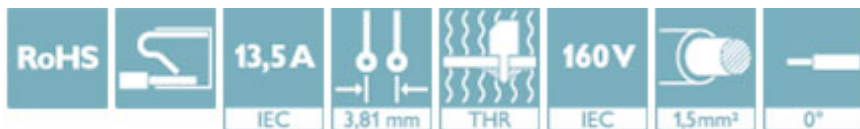
PCB terminal block, nominal current: 13.5 A, nom. voltage: 160 V, pitch: 3.81 mm, number of positions: 8, connection method: Push-in spring connection, mounting: THR soldering, conductor/PCB connection direction: 0 °, color: black




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
- ✓ Designed for integration into the SMT soldering process
- ✓ Quick and convenient testing using integrated test option
- ✓ Operation and conductor connection from one direction enable integration into front of device
- ✓ Two solder pins reduce the mechanical strain on the soldering spots



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 80 STK |
| GTIN |  4 046356 811453 |
| GTIN | 4046356811453 |

Technical data

Dimensions

| | |
|-----------------------|-----------|
| Length [l] | 13.6 mm |
| Pitch | 3.81 mm |
| Dimension a | 26.67 mm |
| Width [w] | 30.67 mm |
| Constructional height | 7.7 mm |
| Height [h] | 10.3 mm |
| Solder pin [P] | 2.6 mm |
| Pin dimensions | 0,7 x 0,3 |

PCB terminal block - SPT-THR 1,5/ 8-H-3,81 P26 - 1822927

Technical data

Dimensions

| | |
|---------------|--------|
| Pin spacing | 7 mm |
| Hole diameter | 1.1 mm |

General

| | |
|--|---------------------|
| Range of articles | SPT 1,5/..-H-THR |
| Insulating material group | IIIa |
| 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 | 13.5 A |
| Nominal cross section | 1.5 mm ² |
| Insulating material | LCP |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 8 mm |
| Number of positions | 8 |

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. | 0.2 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. | 0.2 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.75 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 16 |

Standards and Regulations

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

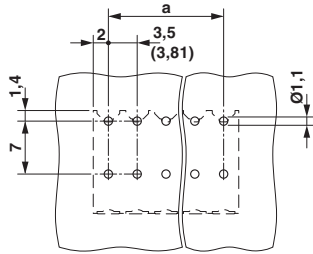
Environmental Product Compliance

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

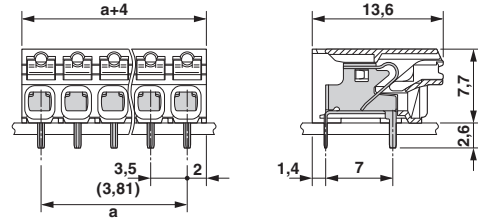
Drawings

PCB terminal block - SPT-THR 1,5/ 8-H-3,81 P26 - 1822927

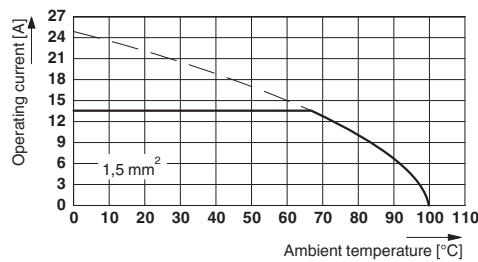
Drilling diagram



Dimensional drawing



Diagram



Type: SPT-THR 1,5/ 5-H-3,5(3,81) P26
 Tested according to DIN EN 60512-5-2:2003-01
 Reduction factor = 1
 Number of positions: 5

Approvals

Approvals

Approvals

EAC / VDE approval of drawings / cULus Recognized / IECCEB Scheme

Ex Approvals

Approval details

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


| | | | |
|--------------------------|--|---|----------|
| VDE approval of drawings | | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40046113 |
|--------------------------|--|---|----------|


| | |
|--------------------|-------|
| Nominal voltage UN | 160 V |
|--------------------|-------|

PCB terminal block - SPT-THR 1,5/ 8-H-3,81 P26 - 1822927

Approvals

| | |
|----------------------------|---------|
| | |
| Nominal current IN | 13.5 A |
| mm ² /AWG/kcmil | 0.2-1.5 |

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20061129 |
| | D | B | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 10 A | 10 A | |
| mm ² /AWG/kcmil | 24-16 | 24-16 | |

| | | | |
|----------------------------|---|---|-----------|
| IECEE CB Scheme |  | http://www.iecee.org/ | DE1-59311 |
| | | | |
| Nominal voltage UN | 160 V | | |
| Nominal current IN | 13.5 A | | |
| mm ² /AWG/kcmil | 0.2-1.5 | | |

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