

PCB terminal block - SPTAF 1/ 7-5,0-IL - 1862327

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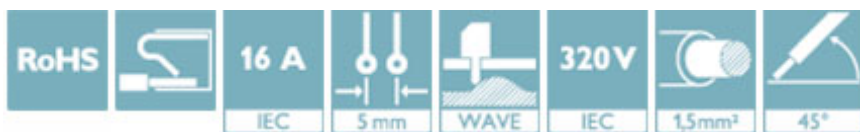
PCB terminal block, Nominal current: 16 A, Nom. voltage: 320 V, Pitch: 5 mm, Number of positions: 7, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45°, Color: green



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
- Intuitive use through colour coded actuation lever
- Small component size for applications where space is at a premium
- Quick and convenient testing using integrated test option



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 70 STK |
| GTIN | |
| GTIN | 4055626137643 |

Technical data

Dimensions

| | |
|-----------------------|------------|
| Length | 11 mm |
| Pitch | 5 mm |
| Dimension a | 30.00 mm |
| Width | 35.00 mm |
| Constructional height | 8 mm |
| Height | 10.6 mm |
| Solder pin [P] | 2.6 mm |
| Pin dimensions | 0,75 x 0,3 |
| Pin spacing | 5.00 mm |
| Hole diameter | 1.1 mm |

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Technical data

General

| | |
|--|---------------------|
| Range of articles | SPTAF 1/...IL |
| 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) | 320 V |
| Rated voltage (II/2) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 16 A |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 16 A |
| Insulating material | PA |
| Solder pin surface | Sn |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 8 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. | 0.75 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. | 0.75 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 |

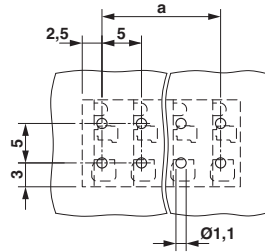
Environmental Product Compliance

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

Drawings

PCB terminal block - SPTAF 1/ 7-5,0-IL - 1862327

Drilling diagram



Approvals

Approvals

Approvals

cULus Recognized

Ex Approvals

Approval details

| | | | |
|--------------------------------|-------|---|-----------------|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20061129 |
| | B | D | |
| mm ² /AWG/kcmil | 24-16 | 24-16 | |
| Nominal current I _N | 8 A | 8 A | |
| Nominal voltage U _N | 300 V | 300 V | |

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