# PCB terminal block - SPTAF 1/ 2-5,0-IL - 1862275

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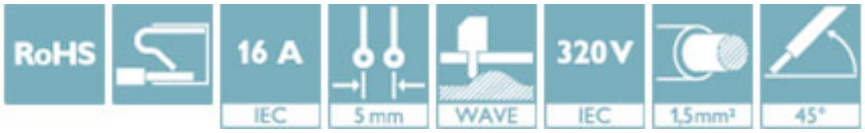
PCB terminal block, nominal current: 16 A, nom. voltage: 320 V, pitch: 5 mm, number of positions: 2, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green

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 | 180 STK |
| GTIN | 4 055626 137599 |
| GTIN | 4055626137599 |

## Technical data

### Dimensions

| | |
|---|---|
| Length [ l ] | 11 mm |
| Pitch | 5 mm |
| Dimension a | 5 mm |
| Width [ w ] | 10 mm |
| Constructional height | 8 mm |
| Height [ h ] | 10.6 mm |
| Solder pin [P] | 2.6 mm |
| Pin dimensions | 0,75 x 0,3 mm |
| Pin spacing | 5 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 mm² |
| 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 | 2 |

### Connection data

| | |
|---|---|
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 1.5 mm² |
| Conductor cross section flexible min. | 0.2 mm² |
| Conductor cross section flexible max. | 1.5 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 0.75 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.75 mm² |
| 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 |

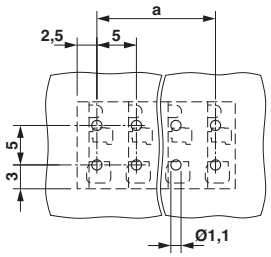
### Environmental Product Compliance

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

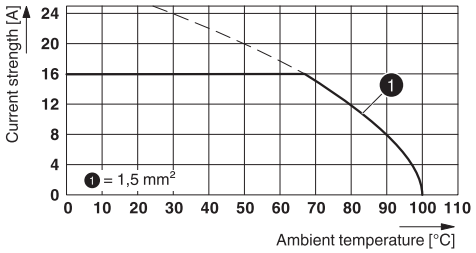
## Drawings

# PCB terminal block - SPTAF 1/ 2-5,0-IL - 1862275

Drilling diagram

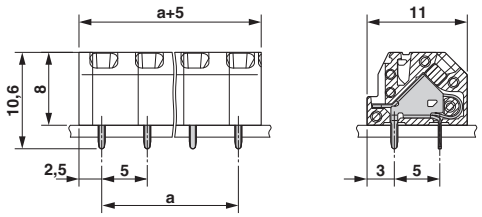



Diagram




Type: SPTAF 1/...-5,0-IL(EL)

Dimensional drawing




## Approvals

### Approvals

Approvals

cULus Recognized / VDE approval of drawings / IECEE CB Scheme

Ex Approvals

### Approval details

cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-20061129

| | B | D |
|---|---|---|
| mm²/AWG/kcmil | 24-16 | 24-16 |
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 300 V | 300 V |

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## Approvals

| | | | |
|---|---|---|---|
| VDE approval of drawings | | http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx | 40047107 |

| | |
|---|---|
| mm²/AWG/kcmil | 0.2-1.5 |
| Nominal current IN | 16 A |
| Nominal voltage UN | 320 V |

| | | | |
|---|---|---|---|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-59461 |

| | |
|---|---|
| mm²/AWG/kcmil | 0.2-1.5 |
| Nominal current IN | 16 A |
| Nominal voltage UN | 320 V |



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