

## PCB terminal block - SPTAF 1/ 6-5,0-EL - 1862453

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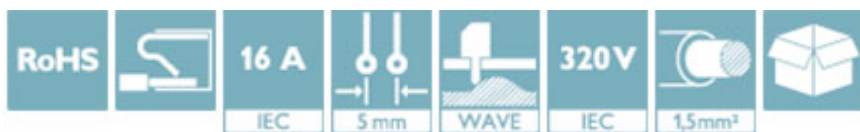
PCB terminal block, Nominal current: 16 A, Nom. voltage: 320 V, Pitch: 5 mm, Number of positions: 6, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green



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
- Finger-operated release button for very convenient operation
- Small component size for applications where space is at a premium
- Quick and convenient testing using integrated test option



### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 50 STK        |
| GTIN         |               |
| GTIN         | 4055626136585 |

### Technical data

#### Dimensions

|                          |            |
|--------------------------|------------|
| Length                   | 11 mm      |
| Pitch                    | 5 mm       |
| Dimension a              | 25 mm      |
| Width                    | 30 mm      |
| Constructional height    | 10.2 mm    |
| Height                   | 12.8 mm    |
| Length of the solder pin | 2.6 mm     |
| Pin dimensions           | 0,75 x 0,3 |
| Pin spacing              | 5 mm       |
| Hole diameter            | 1.1 mm     |

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## Technical data

### General

|  |                     |
|--|---------------------|
| 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 <sub>N</sub>         | 16 A                |
| Nominal cross section                  | 1.5 mm <sup>2</sup> |
| 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                    | 6                   |

### Connection data

|  |                      |
|--|----------------------|
| Conductor cross section solid min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.   | 1.5 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 0.75 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.    | 0.75 mm <sup>2</sup> |
| 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          |

## Approvals

### Approvals

## PCB terminal block - SPTAF 1/ 6-5,0-EL - 1862453

### Approvals

Approvals


cULus Recognized

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Ex Approvals

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### Approval details

|                                |   |   |                 |
|--------------------------------|---|---|-----------------|
| cULus Recognized               |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-20061129 |
|                                | B   | D   |                 |
| mm <sup>2</sup> /AWG/kcmil     | 24-16   | 24-16   |                 |
| Nominal current I <sub>N</sub> | 8 A   | 8 A   |                 |
| Nominal voltage U <sub>N</sub> | 300 V   | 300 V   |                 |

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