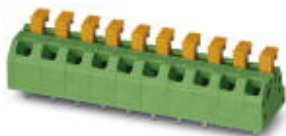


## PCB connection terminal block - SPTAF 1/ 6-5,0-LL - 1864477

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PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 160 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 and fixable 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 pc   |
| Minimum order quantity               | 50 pc   |
| GTIN                                 | <br>4 055626 246055 |
| Weight per Piece (excluding packing) | 2.22 g  |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Germany   |
| Product key                          | AAABBA  |
| Note                                 | Made to Order (non-returnable)  |

### Technical data

#### Dimensions

|                       |         |
|-----------------------|---------|
| Length                | 11 mm   |
| Pitch                 | 5.00 mm |
| Dimension a           | 25 mm   |
| Width                 | 30 mm   |
| Constructional height | 10.9 mm |

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## Technical data

### Dimensions

|                          |            |
|--------------------------|------------|
| Height                   | 13.5 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     |

### General

|                                  |                   |
|----------------------------------|-------------------|
| 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 mm <sup>2</sup> |
| Solder pin surface               | Sn                |
| 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.   | 0.75 mm <sup>2</sup> |
| Conductor cross section flexible min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                      | 1 mm <sup>2</sup>    |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 0.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.    | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve max.    | 0.5 mm <sup>2</sup>  |

### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

## Accessories

Accessories

Screwdriver tools

# PCB connection terminal block - SPTAF 1/ 6-5,0-LL - 1864477

## Accessories

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

## Drawings

Drilling diagram

