

## PCB terminal block - SPTA 1/ 6-5,0 - 1752256

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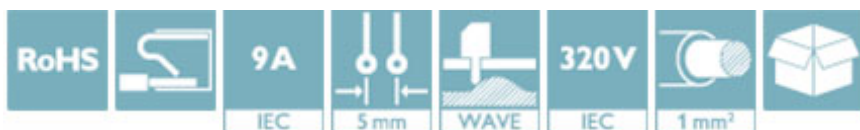
PCB terminal block, Nominal current: 9 A, Nom. voltage: 320 V, Pitch: 5 mm, Number of positions: 6, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 65 °, Color: green



The illustration 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
- ✓ Angled connection enables multi-row arrangement on the PCB
- ✓ Quick and convenient testing using integrated test option



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 STK                                                                                                  |
| Minimum order quantity               | 50 STK                                                                                                  |
| GTIN                                 | <br>4 046356 321105 |
| GTIN                                 | 4046356321105                                                                                           |
| Weight per Piece (excluding packing) | 4.180 g                                                                                                 |
| Custom tariff number                 | 85369010                                                                                                |
| Country of origin                    | Germany                                                                                                 |
| Note                                 | Made to Order (non-returnable)                                                                          |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length                   | 10 mm        |
| Pitch                    | 5 mm         |
| Dimension a              | 25 mm        |
| Length of the solder pin | 3.5 mm       |
| Pin dimensions           | 0,6 x 1,0 mm |

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## Technical data

### Dimensions

|               |        |
|---------------|--------|
| Pin spacing   | 5 mm   |
| Hole diameter | 1.1 mm |

### General

|                                        |                   |
|----------------------------------------|-------------------|
| Range of articles                      | SPTA 1/           |
| 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 $I_N$                  | 9 A               |
| Nominal cross section                  | 1 mm <sup>2</sup> |
| Maximum load current                   | 9 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 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

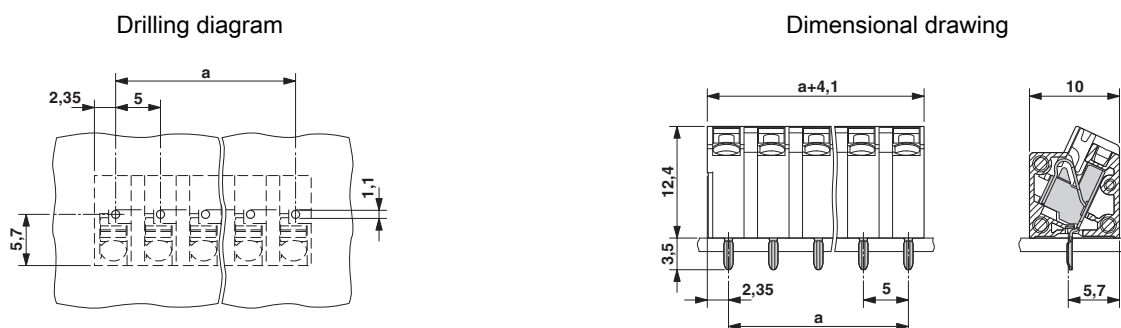
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CUL    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

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

## PCB terminal block - SPTA 1/ 6-5,0 - 1752256

### Drawings



### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |
| eCl@ss 9.0 | 27440401 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |
| ETIM 6.0 | EC002643 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 39121432 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121432 |

### Approvals

#### Approvals

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VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / EAC / cULus Recognized

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### Approvals

Ex Approvals

#### Approval details

|                                            |                                                                                   |                                                                                                                                                                                                              |          |
|--------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>Fertigungsüberwachung |  | <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/<br/>VDE-approved-products/Pages/Online-Search.aspx</a> | 40029329 |
| mm²/AWG/kcmil                              | 0.2-1.5                                                                           |                                                                                                                                                                                                              |          |
| Nominal current I <sub>N</sub>             | 9 A                                                                               |                                                                                                                                                                                                              |          |
| Nominal voltage U <sub>N</sub>             | 250 V                                                                             |                                                                                                                                                                                                              |          |

|                 |                                                                                   |                                                           |           |
|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|-----------|
| IECEE CB Scheme |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58146 |
|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|-----------|

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

|                                |                                                                                     |                                                                                                                                                       |                 |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 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                                                                                                                                                     |                 |
| mm²/AWG/kcmil                  | 26-16                                                                               | 26-16                                                                                                                                                 |                 |
| Nominal current I <sub>N</sub> | 10 A                                                                                | 10 A                                                                                                                                                  |                 |
| Nominal voltage U <sub>N</sub> | 150 V                                                                               | 300 V                                                                                                                                                 |                 |

### Accessories

#### Accessories

##### Screwdriver tools

Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip