

# PCB terminal block - SPTA 1/ 2-3,5 - 1752104

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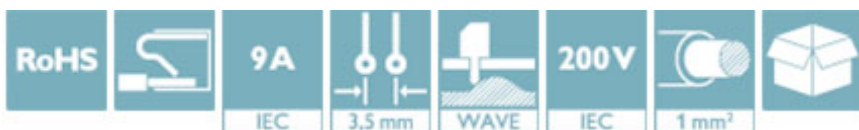
PCB terminal block, Nominal current: 9 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 2, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 65 °, Color: green



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                         | 100 STK   |
| Minimum order quantity               | 100 STK   |
| GTIN                                 | <br>4 046356 320955 |
| GTIN                                 | 4046356320955   |
| Weight per Piece (excluding packing) | 1.160 g   |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Germany   |

## Technical data

### Dimensions

|                       |         |
|-----------------------|---------|
| Length                | 10 mm   |
| Pitch                 | 3.5 mm  |
| Dimension a           | 3.5 mm  |
| Width                 | 7.6 mm  |
| Constructional height | 12.4 mm |
| Height                | 15.9 mm |

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## Technical data

### Dimensions

|                          |              |
|--------------------------|--------------|
| Length of the solder pin | 3.5 mm       |
| Pin dimensions           | 0,6 x 1,0 mm |
| Hole diameter            | 1.1 mm       |

### General

|  |                   |
|--|-------------------|
| Range of articles                      | SPTA 1/           |
| Insulating material group              | I                 |
| 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)                  | 200 V             |
| Rated voltage (II/2)                   | 400 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                    | 2                 |

### 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 |
|------------|---|

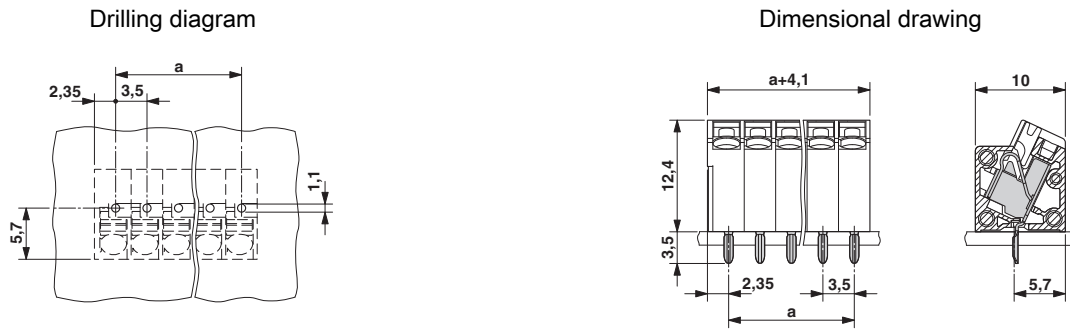
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## Technical data

### Environmental Product Compliance

|  |  |
|--|--|
|  | No hazardous substances above threshold values |
|--|--|

## 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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## Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / EAC / cULus Recognized

Ex Approvals

### Approval details

|   |         |   |          |
|---|---------|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |         | <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a> | 40029329 |
|   |         |   |          |
| mm <sup>2</sup> /AWG/kcmil              | 0.2-1.5 |   |          |
| Nominal current IN                      | 9 A     |   |          |
| Nominal voltage UN                      | 130 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   |                 |
| mm <sup>2</sup> /AWG/kcmil | 26-16 | 26-16   |                 |
| Nominal current IN         | 10 A  | 10 A  |                 |
| Nominal voltage UN         | 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

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## Accessories

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