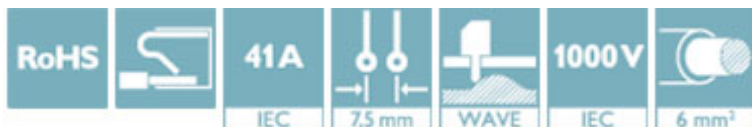


## PCB terminal block - SPT 5/ 5-V-7,5 MIXED PINNING - 1700544

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PCB terminal block, nominal current: 41 A, pitch: 7.5 mm, number of positions: 5, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green



### Key Commercial Data

|              |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Packing unit | 50 pc                                                                              |
| GTIN         |  |
| GTIN         | 4046356491907                                                                      |

### Technical data

#### Item properties

|                     |               |
|---------------------|---------------|
| Number of positions | 5             |
| Pin layout          | Mixed pinning |

#### Dimensions for the product

|                             |          |
|-----------------------------|----------|
| Length [ l ]                | 18.5 mm  |
| Width [ w ]                 | 39.3 mm  |
| Height [ h ]                | 28.75 mm |
| Pitch                       | 7.5 mm   |
| Height (without solder pin) | 24.15 mm |
| Solder pin [P]              | 4.6 mm   |
| Pin spacing                 | 14 mm    |
| Dimension a                 | 30 mm    |

#### Dimensions for PCB design

|               |        |
|---------------|--------|
| Hole diameter | 2.1 mm |
| Pin spacing   | 14 mm  |

#### Packaging information

|                            |                     |
|----------------------------|---------------------|
| Type of packaging          | packed in cardboard |
| Pieces per package         | 50                  |
| Denomination packing units | Pcs.                |

#### Air clearances and creepage distances

|         |       |
|---------|-------|
| Voltage | 800 V |
|---------|-------|

# PCB terminal block - SPT 5/ 5-V-7,5 MIXED PINNING - 1700544

## Technical data

### Standards and Regulations

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

### Environmental Product Compliance

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

## Approvals

### Approvals

#### Approvals

CCA / IECCE CB Scheme / SEV / EAC / cULus Recognized

#### Ex Approvals

### Approval details

|                    |         |
|--------------------|---------|
| CCA                | IK-2956 |
| Nominal voltage UN | 1000 V  |
| Nominal current IN | 41 A    |
| mm²/AWG/kcmil      | 6       |

|                    |  |                                                                                     |                                                           |         |
|--------------------|--|-------------------------------------------------------------------------------------|-----------------------------------------------------------|---------|
| IECEE CB Scheme    |  |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | CH-7429 |
|                    |  |                                                                                     |                                                           |         |
| Nominal voltage UN |  | 1000 V                                                                              |                                                           |         |
| Nominal current IN |  | 41 A                                                                                |                                                           |         |
| mm²/AWG/kcmil      |  | 6                                                                                   |                                                           |         |

|                    |                                                                                     |                                                                                                                                                     |         |
|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| SEV                |  | <a href="https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html">https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html</a> | IK-3150 |
|                    |                                                                                     |                                                                                                                                                     |         |
| Nominal voltage UN | 1000 V                                                                              |                                                                                                                                                     |         |
| Nominal current IN | 41 A                                                                                |                                                                                                                                                     |         |
| mm²/AWG/kcmil      | 6                                                                                   |                                                                                                                                                     |         |

## PCB terminal block - SPT 5/ 5-V-7,5 MIXED PINNING - 1700544

### Approvals

|     |                                                                                   |         |
|-----|-----------------------------------------------------------------------------------|---------|
| 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                                                                                 | C                                                                                                                                                     |                 |
| Nominal voltage UN | 600 V                                                                             | 600 V                                                                                                                                                 |                 |
| Nominal current IN | 36 A                                                                              | 36 A                                                                                                                                                  |                 |
| mm²/AWG/kcmil      | 24-8                                                                              | 24-8                                                                                                                                                  |                 |

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>