

## PTS 1,5/ 5-5,0-H BD:L02-N3 - 1705824

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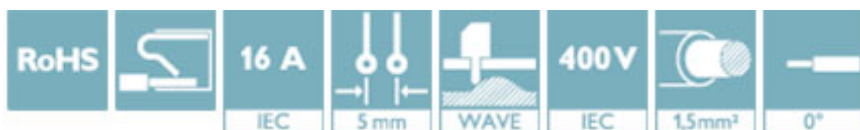
PCB terminal block, nominal current: 16 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 5, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green



The figure shows the 10-position version

### Your advantages

- ✓ 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
- ✓ Quick and convenient testing using integrated test option
- ✓ Largest possible clamping space in a small component size



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 100 pc                                                                               |
| GTIN         |  |
| GTIN         | 4046356803083                                                                        |

### Technical data

#### Dimensions

|                |         |
|----------------|---------|
| Length [ l ]   | 10.5 mm |
| Pitch          | 5 mm    |
| Dimension a    | 20 mm   |
| Width [ w ]    | 25 mm   |
| Height         | 13.6 mm |
| Height [ h ]   | 16.1 mm |
| Solder pin [P] | 2.5 mm  |
| Hole diameter  | 1.2 mm  |

#### General

|                   |               |
|-------------------|---------------|
| Range of articles | PTS 1,5/...-H |
|-------------------|---------------|

# PTS 1,5/ 5-5,0-H BD:L02-N3 - 1705824

## Technical data

### General

|                                |                     |
|--------------------------------|---------------------|
| 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)          | 400 V               |
| Rated voltage (II/2)           | 630 V               |
| Nominal current I <sub>N</sub> | 16 A                |
| Nominal cross section          | 1.5 mm <sup>2</sup> |
| Stripping length               | 8 mm                |
| Number of positions            | 5                   |

### Connection data

|                                  |    |
|----------------------------------|----|
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 14 |

### Environmental Product Compliance

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

## Approvals

### Approvals

#### Approvals

IECEE CB Scheme / VDE Zeichengenehmigung / EAC / cULus Recognized

#### Ex Approvals

### Approval details

|                                |                     |                                                           |           |
|--------------------------------|---------------------|-----------------------------------------------------------|-----------|
| IECEE CB Scheme                | <b>CB</b><br>scheme | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-57682 |
| Nominal voltage U <sub>N</sub> | 400 V               |                                                           |           |
| Nominal current I <sub>N</sub> | 16 A                |                                                           |           |
| mm <sup>2</sup> /AWG/kcmil     | 0.14-2.5            |                                                           |           |

## PTS 1,5/ 5-5,0-H BD:L02-N3 - 1705824

### Approvals

|                        |                                                                                   |                                                                                                                                                                                                           |          |
|------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Zeichengenehmigung |  | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40038591 |
| Nominal voltage UN     |                                                                                   | 400 V                                                                                                                                                                                                     |          |
| Nominal current IN     |                                                                                   | 16 A                                                                                                                                                                                                      |          |
| mm²/AWG/kcmil          |                                                                                   | 0.14-2.5                                                                                                                                                                                                  |          |

|     |                                                                                   |         |
|-----|-----------------------------------------------------------------------------------|---------|
| 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> | E60425-20030527 |
|                    | D                                                                                 | B                                                                                                                                                     |                 |
| Nominal voltage UN | 300 V                                                                             | 300 V                                                                                                                                                 |                 |
| Nominal current IN | 15 A                                                                              | 15 A                                                                                                                                                  |                 |
| mm²/AWG/kcmil      | 26-14                                                                             | 26-14                                                                                                                                                 |                 |

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