

## PCB terminal block - ZFKDSA 2,5-5,08- 4 THT - 1773471

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PCB terminal block, nominal current: 24 A, nom. voltage: 320 V, pitch: 5.08 mm, number of positions: 4, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: black



The figure shows a 10-position version of the product

### Your advantages

- Defined contact force ensures that contact remains stable over the long term
- Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- Angled connection enables multi-row arrangement on the PCB
- Designed for integration into the SMT soldering process
- The latching on the side enables various numbers of positions to be combined
- Two solder pins reduce the mechanical strain on the soldering spots



### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 50 pc   |
| GTIN         | <br>4 046356 479516 |
| GTIN         | 4046356479516   |

### Technical data

#### Dimensions

|                  |          |
|------------------|----------|
| Length [ l ]     | 16.85 mm |
| Pitch            | 5.08 mm  |
| Dimension a      | 15.24 mm |
| Width [ w ]      | 20.32 mm |
| Height           | 15 mm    |
| Height [ h ]     | 18.2 mm  |
| Solder pin [ P ] | 3.5 mm   |
| Hole diameter    | 1.3 mm   |

#### General

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## Technical data

### General

|  |                     |
|--|---------------------|
| Range of articles                      | ZFKDS 2,5-THT       |
| 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)                  | 400 V               |
| Rated voltage (II/2)                   | 630 V               |
| Connection in acc. with standard       | EN-VDE              |
| Nominal current $I_N$                  | 24 A                |
| Nominal cross section                  | 2.5 mm <sup>2</sup> |
| Maximum load current                   | 24 A                |
| Insulating material                    | PA                  |
| Flammability rating according to UL 94 | V0                  |
| Internal cylindrical gage              | A3                  |
| Stripping length                       | 7 mm                |
| Number of positions                    | 4                   |

### Connection data

|                                  |    |
|----------------------------------|----|
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 12 |

### Standards and Regulations

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

## Approvals

### Approvals

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### Approvals

EAC / cULus Recognized

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### Ex Approvals

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### Approval details

## PCB terminal block - ZFKDSA 2,5-5,08- 4 THT - 1773471

### 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> | E60425-19941110 |
|                            | D   | B   |                 |
| Nominal voltage UN         | 300 V   | 250 V   |                 |
| Nominal current IN         | 10 A  | 10 A  |                 |
| mm <sup>2</sup> /AWG/kcmil | 26-12   | 26-12   |                 |

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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>

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