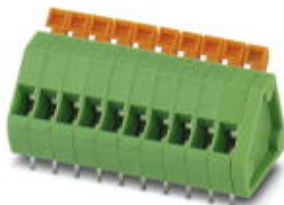


## PCB terminal block - ZFKDSA 1-W-3,81- 9 - 1747944

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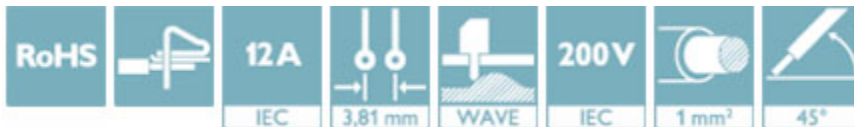


PCB terminal block, nominal current: 12 A, nom. voltage: 200 V, pitch: 3.81 mm, number of positions: 9, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green

The figure shows the 10-position version

### Why buy this product

- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Can be operated without tools by means of color-coded actuating lever
- ✓ Angled connection enables multi-row arrangement on the PCB
- ✓ 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                         | 1 STK                                                                                                   |
| Minimum order quantity               | 50 STK                                                                                                  |
| GTIN                                 | <br>4 046356 299923 |
| GTIN                                 | 4046356299923                                                                                           |
| Weight per Piece (excluding packing) | 8.800 g                                                                                                 |
| Custom tariff number                 | 85369010                                                                                                |
| Country of origin                    | Poland                                                                                                  |

### Technical data

#### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 17.5 mm  |
| Pitch        | 3.81 mm  |
| Dimension a  | 30.48 mm |

## PCB terminal block - ZFKDSA 1-W-3,81- 9 - 1747944

### Technical data

#### Dimensions

|                       |            |
|-----------------------|------------|
| Width [ w ]           | 34.29 mm   |
| Constructional height | 16 mm      |
| Height [ h ]          | 19.5 mm    |
| Solder pin [P]        | 3.5 mm     |
| Pin dimensions        | 0,7 x 1 mm |
| Hole diameter         | 1.2 mm     |

#### General

|                                  |                   |
|----------------------------------|-------------------|
| Range of articles                | ZFKDS(A) 1-W      |
| 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 $I_N$            | 12 A              |
| Nominal cross section            | 1 mm <sup>2</sup> |
| Stripping length                 | 7.5 mm            |
| Number of positions              | 9                 |

#### Connection data

|                                                     |                      |
|-----------------------------------------------------|----------------------|
| Conductor cross section AWG min.                    | 26                   |
| Conductor cross section AWG max.                    | 16                   |
| 2 conductors with same cross section, stranded min. | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max. | 0.5 mm <sup>2</sup>  |

#### Standards and Regulations

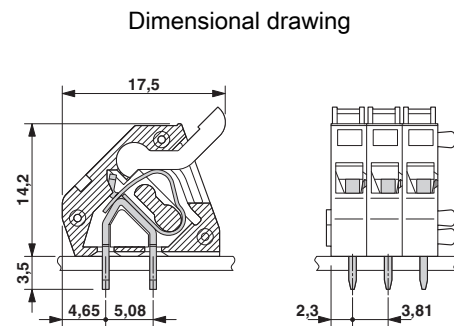
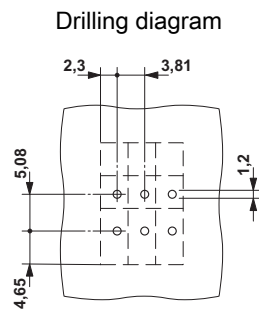
|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|                                  | CUL    |

#### Environmental Product Compliance

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

### Drawings

## PCB terminal block - ZFKDSA 1-W-3,81- 9 - 1747944



### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27261100 |
| eCl@ss 6.0 | 27261100 |
| 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

#### Approvals

EAC / cULus Recognized

## PCB terminal block - ZFKDSA 1-W-3,81- 9 - 1747944

### Approvals

Ex Approvals

### Approval details

|     |                                                                                   |         |
|-----|-----------------------------------------------------------------------------------|---------|
| 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                                                                                                                                                  |                 |
| mm²/AWG/kcmil      | 26-12                                                                             | 26-12                                                                                                                                                 |                 |