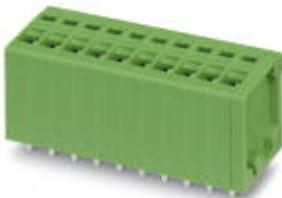


## PCB terminal block - ZFKDSA 1-V-3,81-12 - 1991639

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PCB terminal block, Nominal current: 12 A, Nom. voltage: 200 V, Pitch: 3.81 mm, Number of positions: 12, Connection method: Spring-cage connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90 °, Color: green

The illustration shows the 10-position version



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 50 pc    |
| Weight per Piece (excluding packing) | 13.53 g  |
| Custom tariff number                 | 85369010 |
| Country of origin                    | Poland   |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length                   | 15.9 mm      |
| Pitch                    | 3.81 mm      |
| Dimension a              | 41.91 mm     |
| Constructional height    | 16 mm        |
| Length of the solder pin | 3.5 mm       |
| Pin dimensions           | 0,8 x 0,8 mm |
| Hole diameter            | 1.2 mm       |

#### General

|                             |              |
|-----------------------------|--------------|
| Range of articles           | ZFKDS(A) 1-V |
| Rated surge voltage (III/3) | 2.5 kV       |
| Rated surge voltage (III/2) | 2.5 kV       |
| Rated surge voltage (II/2)  | 2.5 kV       |

# PCB terminal block - ZFKDSA 1-V-3,81-12 - 1991639

## Technical data

### General

|                                  |                   |
|----------------------------------|-------------------|
| Rated voltage (III/3)            | 200 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> |
| Solder pin surface               | Sn                |
| Stripping length                 | 7.5 mm            |
| Number of positions              | 12                |

### 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. | 0.2 mm <sup>2</sup>  |

### Standards and Regulations

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

## 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 |

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 6.01 | 30211801 |
|-------------|----------|

## PCB terminal block - ZFKDSA 1-V-3,81-12 - 1991639

### Classifications

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 39121432 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121432 |

### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

UL Recognized 

|                            | B     | D     |
|----------------------------|-------|-------|
| mm <sup>2</sup> /AWG/kcmil | 26-16 | 26-16 |
| Nominal current IN         | 10 A  | 10 A  |
| Nominal voltage UN         | 250 V | 300 V |

cUL Recognized 

|                            | B     | D     |
|----------------------------|-------|-------|
| mm <sup>2</sup> /AWG/kcmil | 26-16 | 26-16 |
| Nominal current IN         | 10 A  | 10 A  |
| Nominal voltage UN         | 250 V | 300 V |

EAC

## PCB terminal block - ZFKDSA 1-V-3,81-12 - 1991639

### Approvals

EAC

cULus Recognized 

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