

## PCB terminal block - ZFKDSA 1.5C-6.0 - 1889262

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PC terminal block, Nominal current: 16 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green

### Why buy this product

- ✓ Modular design enables blocking for larger numbers of positions
- ✓ Compact housing dimensions
- ✓ Two solder pins for a high level of stability on the PCB
- ✓ W type with orange opening lever, enables tool-free actuation of the terminal point
- ✓ Single and double-level PCB single terminal blocks with spring-cage connection

### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 1                                                                                                       |
| Minimum order quantity | 50                                                                                                      |
| Catalog page           | Page 123 (CC-2011)                                                                                      |
| GTIN                   | <br>4 017918 167950 |
| Custom tariff number   | 85369010                                                                                                |
| Country of origin      | POLAND                                                                                                  |

### Technical data

#### Dimensions / positions

|                     |           |
|---------------------|-----------|
| Length              | 14.1 mm   |
| Width               | 6 mm      |
| Pitch               | 5 mm      |
| Number of positions | 1         |
| Pin dimensions      | 0,7 x 0,7 |
| Pin spacing         | 5.08 mm   |
| Hole diameter       | 1.1 mm    |

#### Technical data

|                             |               |
|-----------------------------|---------------|
| Range of articles           | ZFKDS(A) 1,5C |
| 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          |

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## Technical data

### Technical data

|                                         |                                                         |
|-----------------------------------------|---------------------------------------------------------|
| 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 $I_N$                   | 16 A                                                    |
| Nominal cross section                   | 1.5 mm <sup>2</sup>                                     |
| Maximum load current                    | 16 A (with 2.5 mm <sup>2</sup> conductor cross section) |
| Insulating material                     | PA                                                      |
| Inflammability class according to UL 94 | V0                                                      |
| Internal cylindrical gage               | A 1                                                     |
| Stripping length                        | 7 mm                                                    |
| Nominal voltage, UL/CUL Use Group B     | 250 V                                                   |
| Nominal current, UL/CUL Use Group B     | 10 A                                                    |
| Nominal voltage, UL/CUL Use Group D     | 300 V                                                   |
| Nominal current, UL/CUL Use Group D     | 10 A                                                    |

### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                         | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 24                   |
| Conductor cross section AWG/kcmil max                                      | 14                   |
| 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>  |
| Minimum AWG according to UL/CUL                                            | 26                   |
| Maximum AWG according to UL/CUL                                            | 12                   |

## Classifications

### eclass

|            |          |
|------------|----------|
| 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 |

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## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 7.0 | 27440401 |
|------------|----------|

### etim

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

### unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 39121432 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121432 |

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

|                                                                                                   |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                   | B     | D     |
| mm²/AWG/kcmil                                                                                     | 26-12 | 26-12 |
| Nominal current I <sub>N</sub>                                                                    | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 250 V | 300 V |

|                                                                                                    |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  |       |       |
|                                                                                                    | B     | D     |
| mm²/AWG/kcmil                                                                                      | 26-12 | 26-12 |
| Nominal current I <sub>N</sub>                                                                     | 10 A  | 10 A  |

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### Approvals

|                    | B     | D     |
|--------------------|-------|-------|
| Nominal voltage UN | 250 V | 300 V |

GOST 

cULus Recognized 