

## PCB terminal block - ZFKKDSA 1,5C-5,0-10 - 1755554

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PCB terminal block, Nominal current: 16 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 10, Connection method: Spring-cage connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green



### Key Commercial Data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 STK    |
| Minimum order quantity | 50 STK   |
| Custom tariff number   | 85369010 |
| Country of origin      | Poland   |

### Technical data

#### Environmental Product Compliance

|            |                                                |
|------------|------------------------------------------------|
| China RoHS | No hazardous substances above threshold values |
|------------|------------------------------------------------|

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length                   | 21 mm        |
| Pitch                    | 5.00 mm      |
| Dimension a              | 45 mm        |
| Constructional height    | 26 mm        |
| Length of the solder pin | 3.7 mm       |
| Pin dimensions           | 0,7 x 0,7 mm |
| Hole diameter            | 1.1 mm       |

#### General

|                             |                |
|-----------------------------|----------------|
| Range of articles           | ZFKKDS(A) 1,5C |
| Insulating material group   | I              |
| Rated surge voltage (III/3) | 4 kV           |

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### Technical data

#### General

|                                        |                     |
|----------------------------------------|---------------------|
| 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 $I_N$                  | 16 A                |
| Nominal cross section                  | 1.5 mm <sup>2</sup> |
| Maximum load current                   | 16 A                |
| Insulating material                    | PA                  |
| Solder pin surface                     | Sn                  |
| Flammability rating according to UL 94 | V0                  |
| Internal cylindrical gage              | A1                  |
| Stripping length                       | 7 mm                |
| Number of positions                    | 10                  |

#### Connection data

|                                  |    |
|----------------------------------|----|
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 14 |

#### Standards and Regulations

|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
| Flammability rating according to UL 94 | V0     |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141111 |
| 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 |
|----------|----------|

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## Classifications

### ETIM

|          |          |
|----------|----------|
| 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 / EAC / cULus Recognized

#### Ex Approvals

### Approval details

| UL 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> FILE E 60425 |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                                                                                                                                                                                      | B     | D     |
| mm <sup>2</sup> /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  <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> FILE E 60425 |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                                                                                                                                                                                       | B     | D     |
| mm <sup>2</sup> /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 |

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### Approvals

EAC B.01742

cULus Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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