# PCB terminal block - ZFKDS 4- 7.5 BK - 1933833

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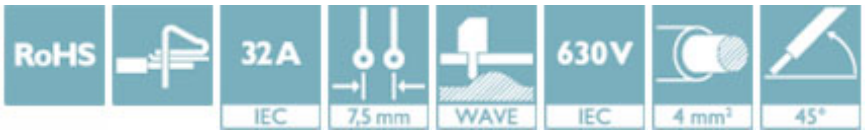
The figure shows a 5-pos. version of the product

PCB terminal block, nominal current: 32 A, nom. voltage: 630 V, pitch: 7.5 mm, number of positions: 1, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: black

## 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
- Separate bridge shaft for easily connecting multiple positions to jumpers
- Quick and convenient testing using integrated test option




## Key Commercial Data

| | |
|---|---|
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| GTIN | 4 017918 895556 |
| GTIN | 4017918895556 |
| Weight per Piece (excluding packing) | 4.800 g |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

## Technical data

### Dimensions

| | |
|---|---|
| Length [ l ] | 29 mm |
| Pitch | 7.5 mm |
| Height | 23 mm |
| Solder pin [P] | 4.6 mm |
| Hole diameter | 1.8 mm |

### General

| | |
|---|---|
| Range of articles | ZFKDS(A) 4 |

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## Technical data

### General

| | |
|---|---|
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/3) | 500 V |
| Rated voltage (III/2) | 630 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current $I_N$ | 32 A |
| Nominal cross section | 4 mm² |
| Internal cylindrical gage | A4 |
| Stripping length | 10 mm |
| Number of positions | 1 |

### Connection data

| | |
|---|---|
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |

### 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 |

## 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 |

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

Approvals

IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

### Approval details

| | | | |
|---|---|---|---|
| IECEE CB Scheme | CB scheme | http://www.iecee.org/ | DE-51234 |

| | |
|---|---|
| Nominal voltage UN | 500 V |
| Nominal current IN | 32 A |
| mm²/AWG/kcmil | 0.2-4 |

| | | | |
|---|---|---|---|
| VDE Gutachten mit Fertigungsüberwachung | VDE | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40036082 |

| | |
|---|---|
| Nominal voltage UN | 500 V |
| Nominal current IN | 32 A |
| mm²/AWG/kcmil | 0.2-4 |

| | | |
|---|---|---|
| EAC | EAC | B.01742 |

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## Approvals

| | | | | |
|---|---|---|---|---|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | | E60425-19941110 |
| | D | B | C | |
| Nominal voltage UN | 300 V | 300 V | 150 V | |
| Nominal current IN | 10 A | 30 A | 30 A | |
| mm²/AWG/kcmil | 24-10 | 24-10 | 24-10 | |

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