

## PCB terminal block - ZFKKDSA 2,5-5,08- 8 BKBDWH18-31 - 1702873

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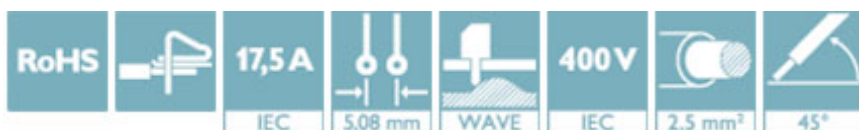


PCB terminal block, nominal current: 17.5 A, nom. voltage: 400 V, pitch: 5.08 mm, number of positions: 8, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45°, color: black

The figure shows a 10-pos. version with 20 contacts

### 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
- ✓ Conductor connection on several levels enables higher contact density
- ✓ The latching on the side enables various numbers of positions to be combined



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 50 pc                                                                                |
| GTIN         |  |
| GTIN         | 4046356622028                                                                        |

### Technical data

#### Dimensions

|                |          |
|----------------|----------|
| Length [ l ]   | 24 mm    |
| Pitch          | 5.08 mm  |
| Dimension a    | 35.56 mm |
| Width [ w ]    | 41.64 mm |
| Height         | 25.5 mm  |
| Height [ h ]   | 29 mm    |
| Solder pin [P] | 3.5 mm   |
| Hole diameter  | 1.3 mm   |

#### General

|                           |               |
|---------------------------|---------------|
| Range of articles         | ZFKKDS(A) 2,5 |
| Insulating material group | I             |

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### Technical data

#### General

|                                        |                     |
|----------------------------------------|---------------------|
| Rated surge voltage (III/3)            | 4 kV                |
| 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 $I_N$                  | 17.5 A              |
| Nominal cross section                  | 2.5 mm <sup>2</sup> |
| Maximum load current                   | 17.5 A              |
| Insulating material                    | PA                  |
| Flammability rating according to UL 94 | V0                  |
| Internal cylindrical gage              | A3                  |
| Stripping length                       | 7 mm                |
| Number of positions                    | 8                   |

#### Connection data

|                                  |    |
|----------------------------------|----|
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 12 |

#### Standards and Regulations

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

#### Environmental Product Compliance

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

### Approvals

#### Approvals

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Approvals

EAC / cULus Recognized

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Ex Approvals

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#### Approval details

## PCB terminal block - ZFKKDSA 2,5-5,08- 8 BKBDWH18-31 - 1702873

### Approvals

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

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