

## PCB connector - ZEC 1,0/ 8-LPV-3,5 C1 - 1915712

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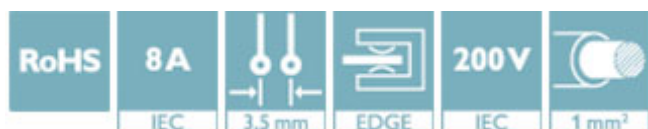
PCB connector, nominal current: 8 A, rated voltage (III/2): 200 V, number of positions: 8, pitch: 3.5 mm, color: green, contact surface: Tin, mounting: Direct plug-in method



The figure shows a 10-position version of the product

### Why buy this product

- ✓ Easy component connection
- ✓ Inexpensive direct plug-in connection with just one component



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 50 pc                                                                                                   |
| GTIN         | <br>4 017918 181468 |
| GTIN         | 4017918181468                                                                                           |

### Technical data

#### Dimensions

|             |         |
|-------------|---------|
| Length      | 22.9 mm |
| Height      | 7 mm    |
| Width       | 29.4 mm |
| Pitch       | 3.5 mm  |
| Dimension a | 28 mm   |

#### General

|                             |                |
|-----------------------------|----------------|
| Range of articles           | ZEC 1,0/..-LPV |
| Insulating material group   | I              |
| Rated surge voltage (III/3) | 2.5 kV         |
| Rated surge voltage (III/2) | 2.5 kV         |
| Rated surge voltage (II/2)  | 2.5 kV         |
| Rated voltage (III/2)       | 200 V          |

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## Technical data

### General

|                                        |                   |
|----------------------------------------|-------------------|
| Rated voltage (II/2)                   | 320 V             |
| Connection in acc. with standard       | EN-VDE            |
| Nominal current $I_N$                  | 8 A               |
| Nominal voltage $U_N$                  | 160 V             |
| Nominal cross section                  | 1 mm <sup>2</sup> |
| Maximum load current                   | 8 A               |
| Insulating material                    | PA                |
| Flammability rating according to UL 94 | V0                |
| Number of positions                    | 8                 |

### Standards and Regulations

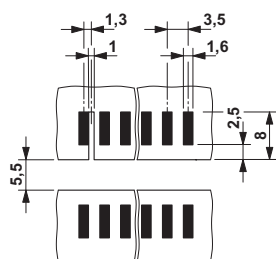
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CUL    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

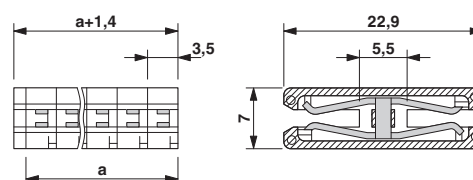
|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Drilling diagram



Dimensional drawing



Size of the PCB: 1.6 ± 0.2 mm

## Approvals

### Approvals

#### Approvals

VDE Gutachten mit Fertigungsüberwachung / IEC CB Scheme / CCA / EAC / cULus Recognized

#### Ex Approvals

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### Approvals

#### Approval details

|                                            |                                                                                   |                                                                                                                                                                                                                |          |
|--------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>Fertigungsüberwachung |  | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/<br/>VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40020343 |
| Nominal voltage UN                         | 160 V                                                                             |                                                                                                                                                                                                                |          |
| Nominal current IN                         | 8 A                                                                               |                                                                                                                                                                                                                |          |

|                    |                                                                                   |                                                           |           |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|-----------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-51128 |
| Nominal voltage UN | 1000 V                                                                            |                                                           |           |
| Nominal current IN | 10 A                                                                              |                                                           |           |

|                    |           |  |  |
|--------------------|-----------|--|--|
| CCA                | DE1 34215 |  |  |
| Nominal voltage UN | 1000 V    |  |  |
| Nominal current IN | 10 A      |  |  |

|     |                                                                                     |         |  |
|-----|-------------------------------------------------------------------------------------|---------|--|
| 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 |
| Nominal voltage UN | 150 V                                                                               |                                                                                                                                                       |                 |
| Nominal current IN | 8 A                                                                                 |                                                                                                                                                       |                 |

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