

# Product data sheet

## Higo - Battery - Z311A

Female panel mount connector, no locking (push-on)

Z311AM C 03 FK 0300

<https://www.higoconnector.com/en/e-bike-connector/z311amc03fk0300>



## Specifications

### General Characteristics

|                              |                                    |
|------------------------------|------------------------------------|
| <b>Number of contacts</b>    | 3                                  |
| <b>Connector shape</b>       | Panel mount                        |
| <b>Gender</b>                | Female                             |
| <b>Color</b>                 | Black                              |
| <b>Upper temperature</b>     | 80 °C                              |
| <b>Lower temperature</b>     | -25 °C                             |
| <b>Locking</b>               | Push-on (no locking)               |
| <b>Protection degree</b>     | IP66                               |
| <b>Mating cycles (times)</b> | 3000 Mating times                  |
| <b>Connector diameter</b>    | 14,0 mm                            |
| <b>Cable Length</b>          | 300 mm                             |
| <b>Wire section</b>          | 3 x 0,5 mm <sup>2</sup>            |
| <b>Remark</b>                | Other cable length/type on request |

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### Electrical Parameters

|  |                   |
|--|-------------------|
| <b>Rated current</b>                   | 5 A               |
| <b>Rated voltage</b>                   | 48 V AC / 60 V DC |
| <b>Max. insulation resistance (M )</b> | ≥20 MΩ            |
| <b>Max. contact resistance (M )</b>    | ≤10 MΩ            |

### Material

|                            |                  |
|----------------------------|------------------|
| <b>Material jacket</b>     | PVC              |
| <b>Insulation wire</b>     | PVC              |
| <b>Material of contact</b> | Phosphor Bronze  |
| <b>Contact plating</b>     | Gold over Nickel |