

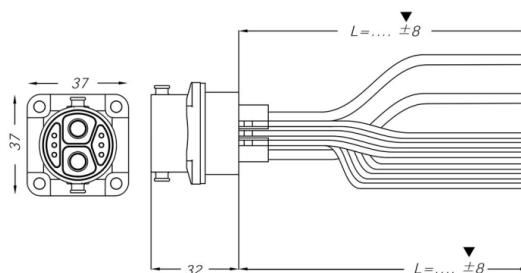
# Product data sheet

## Higo - Battery - S835A

### Female panel mount connector

S835AM C 03 HB 0300

<https://www.higoconnector.com/en/e-bike-connector/s835amc03hb0300>



## Specifications

### General Characteristics

|                              |                                    |
|------------------------------|------------------------------------|
| <b>Gender</b>                | Female                             |
| <b>Color</b>                 | Black                              |
| <b>Upper temperature</b>     | 80 °C                              |
| <b>Lower temperature</b>     | -25 °C                             |
| <b>Locking</b>               | Manual locking                     |
| <b>Protection degree</b>     | IP67                               |
| <b>Mating cycles (times)</b> | 3000 Mating times                  |
| <b>Connector diameter</b>    | 37 x 37 mm                         |
| <b>Cable Length</b>          | 300 mm                             |
| <b>Wire section</b>          | 2 x 16,0 + 6 x 0,5 mm <sup>2</sup> |
| <b>Terminal type</b>         | NA                                 |
| <b>Remark</b>                | Other cable length/type on request |

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#### Electrical Parameters

|  |                   |
|--|-------------------|
| <b>Rated current</b>                   | 100 / 2 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>Insulation wire</b>     | PVC                     |
| <b>Material of contact</b> | 8 (2+6) Phosphor Bronze |
| <b>Contact plating</b>     | Silver plated           |