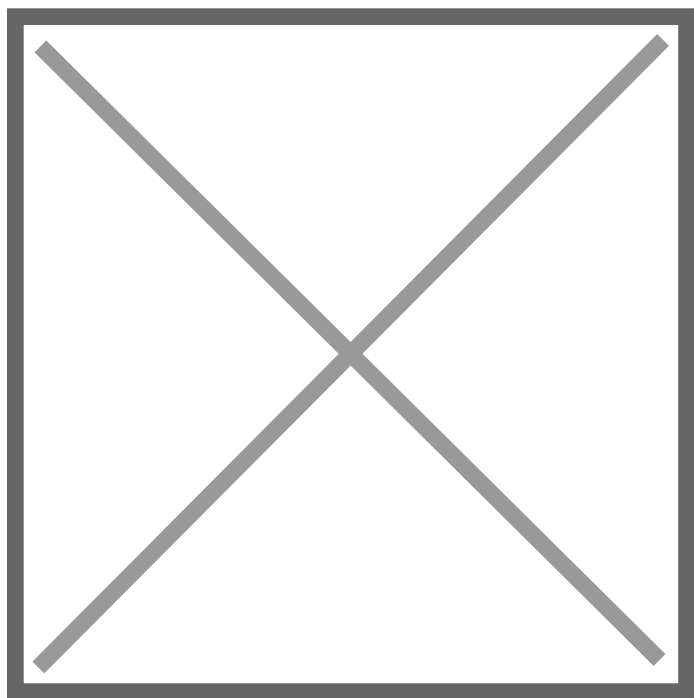


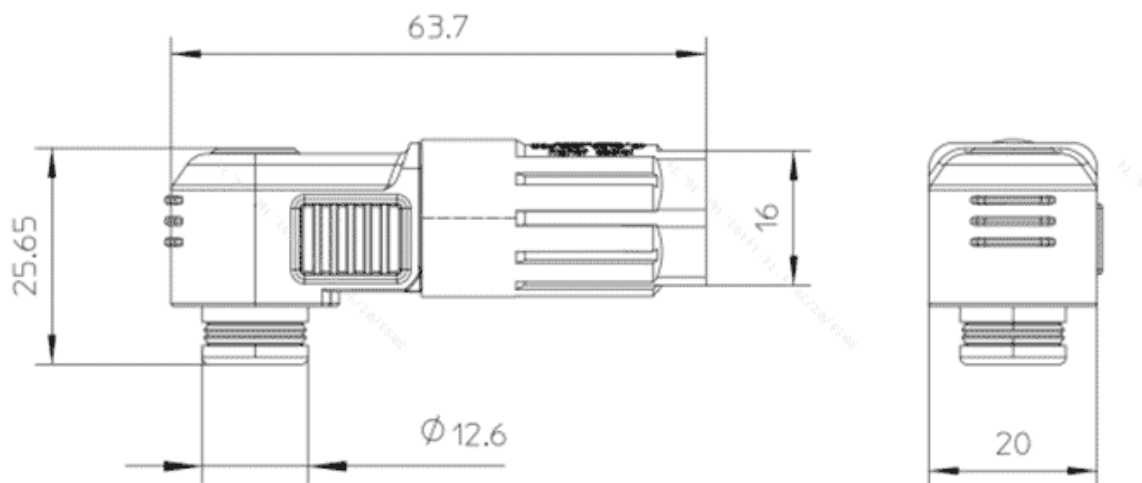


Product Type: IP67 connector

Product Name:ESF-  
PS100A16YN

Product Description: Connectors suitable for energy storage modules Color: Orange Rated voltage: 1500V DC Rated current: 100A Connection method: crimping Contact type: Socket wire cross-section: 16mm<sup>2</sup> cable outer diameter: 7.1mm to 7.8mm

## Product Size



## Parameters

|                               |              |
|-------------------------------|--------------|
| ☞ Number of connections       | 1            |
| ☞ Connection method           | Crimp        |
| ☞ Protection Level            | IP67         |
| ☞ Operating temperature range | -40°C~125°C  |
| ☞ Insulation material         | PA           |
| ☞ Insulation material group   | III          |
| ☞ Contact material            | Copper alloy |
| ☞ Contact plating             | Ag,Plated    |
| ☞ Insertion/withdrawal cycles | 100          |
| ☞ Insertion force             | ≤75N         |
| ☞ Withdrawal force            | ≥10N         |

## Technical data

|                            |                          |
|----------------------------|--------------------------|
| ☞ IEC Rated Current        | 100A                     |
| ☞ IEC Rated Voltage        | 1500V                    |
| ☞ Overvoltage category     | III                      |
| ☞ Degree of pollution      | 3                        |
| ☞ Rated impulse voltage    | 12.3KV                   |
| ☞ Stripping length         | 20mm±1mm                 |
| ☞ Rated cross section(AWG) | 16mm <sup>2</sup> (AWG6) |
| ☞ External cable diameter  | 7.1mm~7.8mm              |

## Commercial data

|            |                |
|------------|----------------|
| ☞ Order No | ESF-PS100A16YN |
|------------|----------------|

|                                       |        |
|---------------------------------------|--------|
| ☞ Packing unit                        | 1      |
| ☞ Minimum order quantity              | PCS    |
| ☞ Weight per unit (without packaging) | 0.98KG |
| ☞ Single piece weight                 | 0.94KG |

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