

Overview

Product information



ESS-100A-16-S-OR-00-20160003077

Energy Storage Connector, Product range: ESS socket, Color: orange, Lead cross section: 16 mm², Rated Voltage: 1500V, Rated current: 100 A, Connection method: Screw, Contact type: Pin

Product advantages

- Exclusive patents
- IP67 protection
- With safety locking latch
- The plug can rotate 360° after assembled
- The socket is with hand-proof protection
- With color-coded and mechanism-coded design avoiding misplug

Product certification



Technical data

Product drawing

3D model

□

Wiring data

Wiring mode

Screw

Environmental conditions

Operating ambient temperature (including temperature rise)

-40°C - 125°C

Environment condition

Protection grade (pair plug)

IP67

Ambient temperature (storage/transportation)

-40°C ~ +80°C

Altitude

2000m

Mechanical properties

| | |
|-----------------|------|
| Plugging times | 100 |
| Insertion force | <60N |
| Pullout force | >10N |

Standards and specifications

| | |
|------------------------|--------|
| Standard/Specification | UL4128 |
|------------------------|--------|

Material data

| | |
|----------------------------------|---------------------------|
| Insulating material | Nylon |
| Halogen-free | Compliance with standards |
| Environmental protection matters | REACH/RoHS compliant |
| Sealing ring material | Silicone |
| Contact material | Copper alloy |
| Shell color | Orange |
| Flammability rating | UL94V-0 |

Electrical parameters

| | |
|-----------------------|------------|
| Pollution level | 3 |
| Rated current | UL DC1500V |
| | 100A |
| Insulation resistance | >5000MΩ |
| Contact resistance | ≤0.5mΩ |

Accessories

Business data

| | |
|-------------------------------------|-------------|
| Order number | 20160003077 |
| Packing unit | 32 |
| Minimum order quantity | 50 |
| Products weight (without packaging) | 22.65 |