

## Visión general

## Información del Producto

**ESP-200A-50-OR-90-20160000033**

Energy storage Connector, Product range: ESP plug, color: orange, Wire cross section: 50 mm<sup>2</sup>, Rated voltage: 1500V, Rated current: 200 A, Connection method: crimp, Contact type: hole type, min. Cable diameter: 12.5mm, Max. Cable diameter: 14mm

## Ventajas del producto

- ☒ 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

## Certificación del producto



## Datos técnicos

## Dibujo del producto

## Modelo 3D

☐

## Environment condition

|                                              |                |
|----------------------------------------------|----------------|
| Protection grade (pair plug)                 | IP67           |
| Ambient temperature (operation)              | -40°C ~ +125°C |
| Ambient temperature (storage/transportation) | -40°C ~ +80°C  |
| Altitude                                     | 2000m          |

## Mechanical properties

|                |     |
|----------------|-----|
| Plugging times | 100 |
|----------------|-----|

|               |      |
|---------------|------|
| Pullout force | >10N |
|---------------|------|

Electrical parameters

|                       |            |
|-----------------------|------------|
| Rated current         | UL DC1500V |
| Insulation resistance | >5000MΩ    |

Electrical parameters

|                    |        |
|--------------------|--------|
| Pollution level    | 3      |
| Rated current      | 200A   |
| Contact resistance | ≤0.5mΩ |

Wiring data

|                        |                            |
|------------------------|----------------------------|
| Cable sectional area   | 1/0AWG(50mm <sup>2</sup> ) |
| Number of connections  | 1                          |
| Cable outer diameter   | 12.5~14mm                  |
| Cable stripping length | 13~14mm                    |
| Wiring mode            | Crimp                      |

Mechanical properties

|                 |        |
|-----------------|--------|
| Insertion force | < 100N |
|-----------------|--------|

Standards and specifications

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

Material data

|                                  |                           |
|----------------------------------|---------------------------|
| Insulating material              | Nylon                     |
| Clamping ring material           | Silicone                  |
| O-ring material                  | Silicone                  |
| Halogen-free                     | Compliance with standards |
| Environmental protection matters | REACH/RoHS compliant      |

|                     |              |
|---------------------|--------------|
| Contact material    | Copper alloy |
| Shell color         | Orange       |
| Flammability rating | UL94V-0      |

|            |
|------------|
| Accesorios |
|            |

|                                  |             |
|----------------------------------|-------------|
| Datos empresariales              |             |
| Número de pedido                 | 20160000033 |
| Unidad de embalaje               | 50          |
| Cantidad mínima de pedido        | 50          |
| Peso del producto (sin embalaje) | 67.83       |