

## Overview

### Product information



### ESS-70A-10-B/S-OR-00-20160003017

Energy storage connector, product range: ESS socket, color: orange, wire cross section: 6 mm<sup>2</sup>, rated voltage: 1000V, rated current: 70 A, connection method: copper bar/threaded hole, contact type: pin

### Product advantages

- ☒ Degson has its own patented design
- ☒ There are no safety locks
- ☒ There's a free spin of 360°
- ☒ There's no electric shock protection
- ☒ There's no wrong insertion or short circuit

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Wiring data

Wiring mode

Busbar/Screw

### 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  |
| Insertion force | <55N |
| 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         | 70A     |
|                       | 1000V   |
| Insulation resistance | >5000MΩ |
| Contact resistance    | ≤0.5mΩ  |

Accessories

Business data

|              |             |
|--------------|-------------|
| Order number | 20160003017 |
| Packing unit | 75          |

|                                     |      |
|-------------------------------------|------|
| Minimum order quantity              | 75   |
| Products weight (without packaging) | 11.5 |