

## Overview

### Product information



**ESS-250A-70-B-BK-00-28010000048**

Energy storage connector, product range: ESS socket, color: black, wire cross section: 70 mm<sup>2</sup>, rated voltage: 1500V, rated current: 250A, connection method: copper bar, contact type: hole type

### 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

□

### Overview

|   |       |
|---|-------|
| Insulation Materials                      | PA    |
| Flame retardant grade, in line with UL 94 | V0    |
| color                                     | black |

### Electrical parameters UL

|               |       |
|---------------|-------|
| Rated voltage | 1500V |
|---------------|-------|

### Mechanical properties

|                 |       |
|-----------------|-------|
| Insertion force | < 75N |
|-----------------|-------|

### Material data

|                        |              |
|------------------------|--------------|
| Clamping ring material | Silicone     |
| O-ring material        | Silicone     |
| Contact material       | Copper alloy |

Electrical parameters

|                       |         |
|-----------------------|---------|
| Rated current         | 250A    |
| Insulation resistance | >5000MΩ |
| Contact resistance    | ≤0.5mΩ  |

Technical specification

|          |      |
|----------|------|
| IP class | IP67 |
|----------|------|

Environmental data

|                                 |            |
|---------------------------------|------------|
| Ambient temperature (operation) | -40℃～+125℃ |
|---------------------------------|------------|

Accessories

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 28010000048 |
| Packing unit                        | 25          |
| Minimum order quantity              | 25          |
| Products weight (without packaging) | /           |