Overview

Product information



ESS-70A-10-B-OR-00-20160003005

Energy storage connector, product range: ESS socket, color: orange, wire cross section: 10 mm², rated voltage: 1000V, rated current: 70 A, connection method: copper bar, contact type: pin

Product advantages

- ☑ Degson proprietary patented design
- ☑ Safety locking mechanism
- ☑ 360° free rotation
- ☑ Electric shock protection
- ☑ Mis-insertion and short-circuit protection

Product certification

Technical data

Product drawing

3D model

Wiring data

Wiring mode	Busbar

Environmental conditions

Operating ambient temperature (including temperature rise)	-40℃-125℃

Environment condition

Protection grade (pair plug)	IP67
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	20160003005

Packing unit	75
Minimum order quantity	75
Products weight (without packaging)	11.5