

Overview

Product information



ESS-50A-06-C-OR-00-20160003125

Energy storage connector, product range: ESS socket, color: orange, wire cross section: 6 mm², rated voltage: 1000V, rated current: 50 A, connection method: crimping, 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

Crimp

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	50A
	1000V
Insulation resistance	>5000MΩ
Contact resistance	≤0.5mΩ

Accessories

Business data

Order number	20160003125
Packing unit	75

Minimum order quantity	75
Products weight (without packaging)	11.5