

Overview

Product information

ESS-120A-25-B/S-OR-00-20160000041

Energy Storage Connector, Product range: ESS socket, Color: orange, Wire cross section: 25 mm², Rated voltage: 1500V, Rated current: 120 A, Connection method: Busbar/Screw, Contact type: needle

Product advantages

- ☑ Exclusive patents
- ☑ IP67 protection
- ☑ With safety locking latch
- ☑ The plug can rotate 360° after assembled
- ☑ The socket is with hand-proof protection
- $\ensuremath{\mbox{\sc W}}$ With color-coded and mechnism-coded desgin avoiding misplug

Product certification





Technical data

Product drawing

3D model

Wiring data

Wiring mode	Busbar/Screw
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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	<60N	
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	

Electrical parameters

Flammability rating

Shell color

Pollution level	3
Rated current	120A
Rated current	UL DC1500V
Insulation resistance	>5000ΜΩ
Contact resistance	≤0.5mΩ

Orange

UL94V-0

Accessories			

Business	data
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Order number	20160000041
Packing unit	32

Minimum order quantity	50
Products weight (without packaging)	27