

Connector - ES-FT-BPC-B 16-25 BK - 1130814


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High-voltage connector for new energy storage system, rated voltage: 1500 V, rated current: 120 A; wiring method: crimping; surface coating: silver; negative pole: black; with one set of plug and socket each;



Key Commercial Data

Packing unit	1 pc
GTIN	 4 063151 058272
GTIN	4063151058272

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 115 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

General

Nominal voltage U_N	1500 V (TUV)
Connection method	Crimp
Degree of protection	IP65
Insulating material	PA
Contact surface material	Ni/Ag
Contact material	Cu/Al alloy
Seal material	Silicon
Contact resistance	$\leq 5 \text{ m}\Omega$
Insertion/withdrawal cycles	> 100
Insertion force	$\leq 75 \text{ N}$
Withdrawal force	$\geq 10 \text{ N}$
Current	120 A

Standards and Regulations

Flammability rating according to UL 94	V0
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 9.0	27062002
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Accessories

Accessories

Dust protection cover - ES-FT-BPC PROTECTION CAP - 1130817



Dust protection cap for energy storage connector , color: black RAL9005, ambient temperature for storage and transportation: -40°C ~70°C, operating temperature: -20°C ~105°C, halogen-free, engineering plastics: UL94 HB, protection class: IP65 (with socket)

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