

Connector - ES-FT-BPC-S 95-120 OG



1298080

<https://www.phoenixcontact.com/us/products/1298080>

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Connectors for energy storage, Connector, housing material: PA, color: orange, min. conductor cross section: 35 mm², max. conductor cross section: 70 mm², rated current: 350 A

Commercial Data

Item number	1298080
Packing unit	1 pc
Minimum order quantity	15 pc
Note	Made to Order (non-returnable)
Sales Key	A16
Product Key	ABLDBA
GTIN	4063151537203
Weight per Piece (including packing)	87.86 g
Weight per Piece (excluding packing)	87.86 g
Customs tariff number	85359000
Country of origin	CN

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Technical Data

Product properties

Product type	Connectors for energy storage
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Insulation characteristics

Degree of pollution	2
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Electrical properties

Rated voltage (III/2)	1500 V DC
Rated current	350 A
	350 A
	350 A
Contact resistance	≤ 0.5 mΩ
Nominal voltage U _N	1500 V DC

Material specifications

Color	orange
Flammability rating according to UL 94	V0
Seal material	Silicon
Insulating material	PA
Contact material	Cu/Cu alloy
Contact surface material	Ni/Ag
Housing material	PA

Connector

Insertion/withdrawal cycles	100
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Cable / line

Single wire, cross section	35 mm ² 70 mm ²
Halogen-free	yes

Mechanical properties

Mechanical data

Insertion force	≤ 75 N
Withdrawal force	≥ 10 N

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65 (The panel is feed-through hole)
	IP65/IP67 (The panel is blind hole)
Ambient temperature (operation)	-40 °C ... 125 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

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Altitude	4000 m
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Classifications

ECLASS

ECLASS-11.0	27440390
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Environmental Product Compliance

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