

# Connector - ES-FT-BPC-S 95-120 BK



1298079

<https://www.phoenixcontact.com/us/products/1298079>

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Connectors for energy storage, Connector, housing material: PA, color: black, min. conductor cross section: 35 mm<sup>2</sup>, max. conductor cross section: 70 mm<sup>2</sup>, rated current: 350 A

## Commercial Data

Item number	1298079
Packing unit	1 pc
Minimum order quantity	15 pc
Note	Made to Order (non-returnable)
Sales Key	A16
Product Key	ABLDBA
GTIN	4063151536541
Weight per Piece (including packing)	87.13 g
Weight per Piece (excluding packing)	87.13 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 <sub>N</sub>	1500 V DC

### Material specifications

Color	black
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 <sup>2</sup> 70 mm <sup>2</sup>
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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