

# Connector - ES-BPC-C 95-120 BK



1298071

<https://www.phoenixcontact.com/us/products/1298071>

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Connectors for energy storage, Connector, housing material: PA, color: black, rated current: 350 A, Connection method: Crimp



## Commercial Data

Item number	1298071
Packing unit	1 pc
Minimum order quantity	60 pc
Note	Made to Order (non-returnable)
Sales Key	A16
Product Key	ABLDBA
GTIN	4063151536725
Weight per Piece (including packing)	167 g
Weight per Piece (excluding packing)	167 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

Halogen-free	yes
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### Mechanical properties

#### Mechanical data

Insertion force	≤ 75 N
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP65/IP67 (Mating socket)
Ambient temperature (operation)	-40 °C ... 125 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	4000 m

### Mounting

Assembly instructions	We recommend to use the crimping dies and other crimping
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devices of Jiangsu Bozhiwang Automation Equipment Co.,Ltd.  
for cable crimp connection; Address: No. 39 Kun Lun Road, Xin  
Bei District, Changzhou, Jiangsu Province, China, Email:  
flacz2020@163.com, die model: BZW-6F

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## Classifications

### ECLASS

ECLASS-11.0

27440390

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Phoenix Contact USA

586 Fulling Mill Road

Middletown, PA 17057, United States

(+717) 944-1300

[info@phoenixcon.com](mailto:info@phoenixcon.com)