

ES-FT-BPC-B 95-120 BK - Connector



1298081

<https://www.phoenixcontact.com/us/products/1298081>

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Connectors for energy storage, Connector, color: black, rated current: 350 A, Connection method: Screw/Solder connection

Commercial data

Item number	1298081
Packing unit	1 pc
Minimum order quantity	15 pc
Sales key	AB04
Product key	ABLDBA
GTIN	4063151536732
Weight per piece (including packing)	104.547 g
Weight per piece (excluding packing)	96 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	black
Material	Polyamide
	Copper
	Silicon
Flammability rating according to UL 94	V0
Seal material	Silicon
Insulating material	PA
Contact material	Cu/Cu alloy

Cable/line

Halogen-free	yes
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	100
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
Altitude	4000 m

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Mounting

Connection method	Screw/Solder connection
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Classifications

ECLASS

ECLASS-11.0	27440390
ECLASS-12.0	27440390
ECLASS-13.0	27440390

ETIM

ETIM 8.0	EC001121
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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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