

CBC-PRC 3-FC-FS6 8-21 HR 400V - Coupler connector



1437004

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Coupler connector, Range of articles: ArcZero, color: black, number of positions: 3, min. conductor cross section: 2.5 mm², max. conductor cross section: 6 mm², rated voltage: 400 VDC, rated current: 20 A, Connection method: Screw connection, Contact connection type: Socket, min. cable diameter: 8 mm, max. cable diameter: 21 mm. Maximum load when disconnecting: 8 kW. DC microgrids

Your advantages

- Safe connection and disconnection under load
- Fast disconnection of flying leads
- Time-saving maintenance or replacement of connected devices
- Robust outdoor design even for extreme conditions
- Particularly durable and economical

Commercial data

Item number	1437004
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLFBA
GTIN	4063151812560
Weight per piece (including packing)	222 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	Maximum load when disconnecting: 8 kW
General	Maximum load when connecting: 2 kW
General	Observe the specifications of the packing slip.
General	Fit the protective cap when not plugged in.
General	The release lever for manual release can be found in the accessories section.

Product properties

Product type	Installation connector
Product family	ArcZero
Number of positions	3
Area of application	DC microgrids

Insulation characteristics

Protection class	II
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Electrical properties

Nominal voltage ATD	400 VDC (III/2.00) in accordance with IEC 61984
	250 VDC Minimum system voltage
	400 VDC (III/2.00) in accordance with IEC 61535
	400 VDC (III/2.00) in accordance with UL 2238 / UL 2237
Rated current	20 A (With 2.5 mm ² conductor cross section in accordance with IEC 61984)

Dimensions

Width	37.6 mm
Height	39 mm
Length	137 mm

Material specifications

Color	black
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Cable/line

External cable diameter	8 mm ... 21 mm
Single wire, cross section	2.5 mm ² 6 mm ²
Stripping length of the individual wire	13 mm (Lay PE conductor 10 mm leading)
Halogen-free	yes

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	500 (under rated load)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 2 h)
	IP69
Ambient temperature (operation)	-40 °C ... 105 °C
Ambient temperature (storage/transport)	-40 °C ... 105 °C
Ambient temperature (assembly)	-20 °C ... 60 °C

Standards and regulations

Standards/specifications	IEC 61984
	IEC TS 62735-2 (400 V/13 A)

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Classifications

ECLASS

ECLASS-12.0	27440116
ECLASS-13.0	27440116

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