

PRC 20/3-C1-FC-MS2,5 6-14 - Connector



1313314

<https://www.phoenixcontact.com/us/products/1313314>

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Installation connector, Range of articles: PRC 20, Connector, color: black, number of positions: 3, min. conductor cross section: 0.5 mm², max. conductor cross section: 2.5 mm², rated voltage: 400 V, rated current: 25 A, Connection method: Screw connection, Type of contact: Pin, min. cable diameter: 8 mm, max. cable diameter: 14 mm. Setting option for release: 1. with a tool or 2. by hand

Your advantages

- More space on the device front with current transmission up to 20 A in a minimum amount of space
- Duo-Unlock technology for greater flexibility during installation and maintenance
- Reliable use under extreme ambient conditions with high degrees of protection and impact resistance
- Simple handling with proven crimp or screw connection technology
- Mechanical and color coding for quick and error-free startup

Commercial Data

Item number	1313314
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	AB03
Product Key	ABLHBA
GTIN	4063151569099
Weight per Piece (including packing)	55.7 g
Weight per Piece (excluding packing)	54.9 g
Customs tariff number	85366990
Country of origin	PL

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Technical Data

Notes

General	Setting option for release: 1. with a tool or 2. by hand
General	For assembly notes, please refer to the packing slip

Product properties

Product type	Installation connector
Product family	PRC 20
Number of positions	3
Connection profile	2+PE
Coding	3-C1

Insulation characteristics

Protection class	II
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Electrical properties

Nominal voltage ATD	400 V (III/2) in accordance with IEC 61984
Rated current	25 A (With 2.5 mm ² conductor cross section in accordance with IEC 61984)

Dimensions

Width	28.5 mm
Height	28.5 mm
Length	82.1 mm

Material specifications

Color	black
Material (GRP)	PPE (Housing)
	PPE (Contact carriers)
	CuZn (Contact material, Pb < 0.1)
	PC (Cable gland)
	EPDM (Cable seal)
	EPDM (Housing seal)

Cable/line

External cable diameter	8 mm ... 14 mm
Single wire, cross section	0.5 mm ² 2.5 mm ²
Stripping length of the individual wire	10 mm (Lay PE conductor 8 mm leading)
Halogen-free	yes

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
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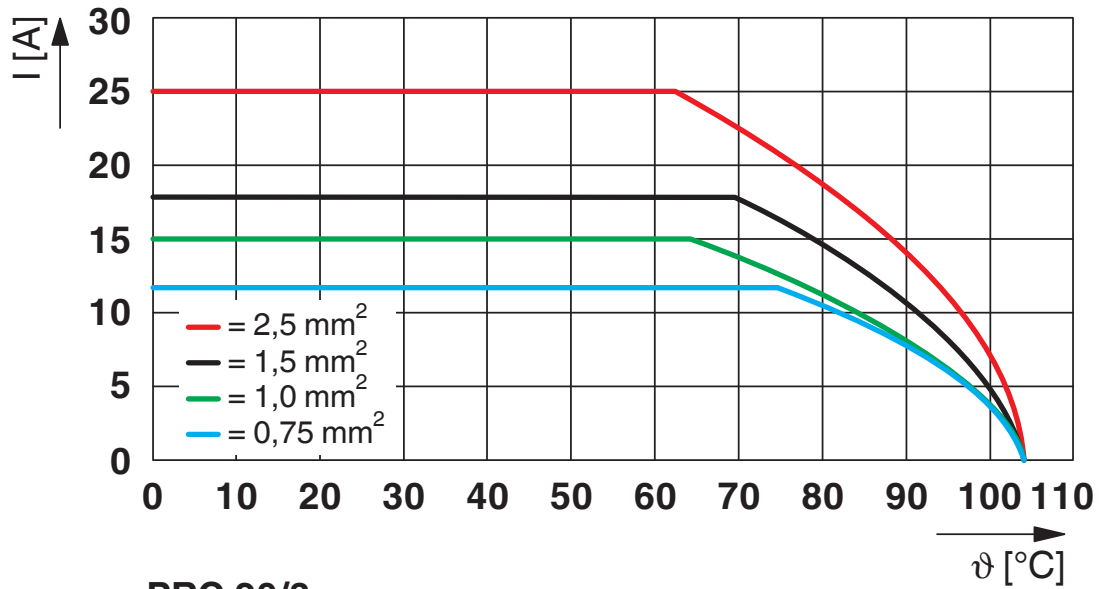
	IP68 (2 m / 2 h)
Ambient temperature (operation)	-40 °C ... 85 °C

Mounting

Connection method	Screw connection
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Drawings

Diagram



PRC 20/3...
IEC 60512-5-2 / 2 conductors

Derating

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 8.0	EC002635
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