

# PRC 20/3-C1-FT25-MS2,5 - Device connector front mounting



1313299

<https://www.phoenixcontact.com/us/products/1313299>

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Panel feed-through, Range of articles: PRC 20, Device connector front mounting, color: black, number of positions: 3, min. conductor cross section: 0.5 mm<sup>2</sup>, max. conductor cross section: 2.5 mm<sup>2</sup>, rated voltage: 400 V, rated current: 25 A, Connection method: Screw connection, Type of contact: Pin. 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	1313299
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	AB03
Product Key	ABLHAD
GTIN	4063151568542
Weight per Piece (including packing)	35.3 g
Weight per Piece (excluding packing)	32.7 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	Panel feed-through
Product family	PRC 20
Number of positions	3
Connection profile	2+PE
Coding	3-C1

### Insulation characteristics

Protection class	II
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### Dimensions

Width	34 mm
Height	38.4 mm
Length	53.7 mm

### Electrical properties

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

### Material specifications

Color	black
Material (GRP)	PPE (Housing)
	PPE (Contact carriers)
	CuZn (Contact material, Pb < 0.1)
	PPE (Nut)
	EPDM (Cable seal)
	EPDM (Flat gasket)

### Cable/line

Single wire, cross section	0.5 mm <sup>2</sup> 2.5 mm <sup>2</sup>
Stripping length of the individual wire	10 mm
Halogen-free	yes

### Mounting

Connection method	Screw connection
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### Environmental and real-life conditions

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## Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 2 h)
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 85 °C

# PRC 20/3-C1-FT25-MS2,5 - Device connector front mounting

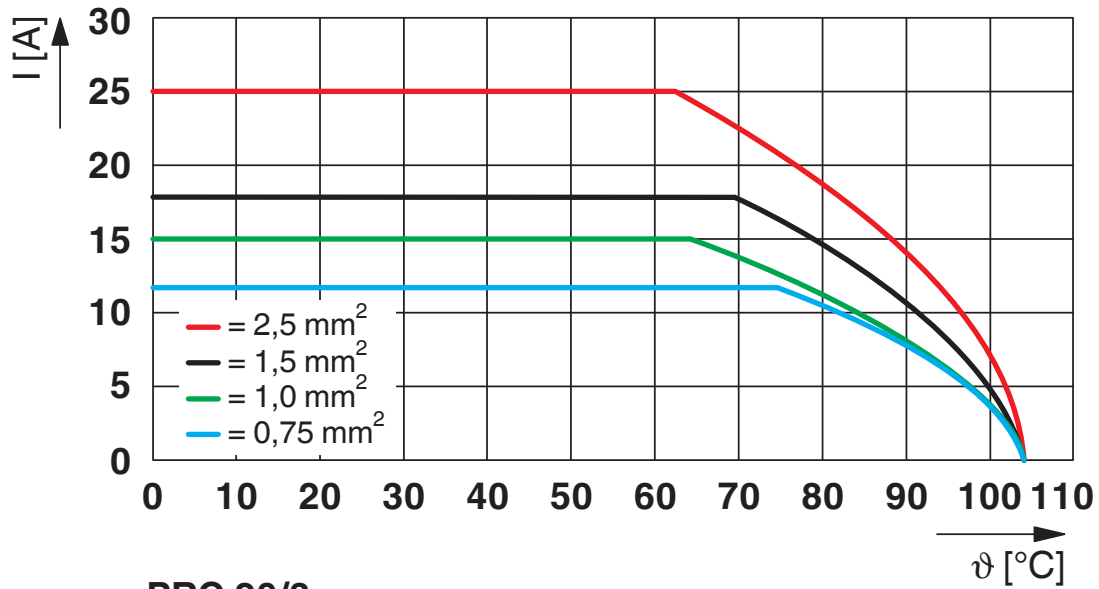


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## Drawings

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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