

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



1308648

<https://www.phoenixcontact.com/us/products/1308648>

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.



Panel feed-through, Range of articles: PRC 20, Device connector front mounting, color: black, number of positions: 5, min. conductor cross section: 0.5 mm², max. conductor cross section: 2.5 mm², rated voltage: 400 V, rated current: 20 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	1308648
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	AB03
Product Key	ABLHAD
GTIN	4063151559694
Weight per Piece (including packing)	48.3 g
Weight per Piece (excluding packing)	40.7 g
Customs tariff number	85366990
Country of origin	PL

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



1308648

<https://www.phoenixcontact.com/us/products/1308648>

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	5
Connection profile	4+PE
Coding	5-C1

Insulation characteristics

Protection class	II
------------------	----

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	20 A (With 2.5 mm ² 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 ² 2.5 mm ²
Stripping length of the individual wire	10 mm (Lay PE conductor 8 mm leading)
Halogen-free	yes

Mounting

Connection method	Screw connection
-------------------	------------------

Environmental and real-life conditions

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



1308648

<https://www.phoenixcontact.com/us/products/1308648>

Ambient conditions

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

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

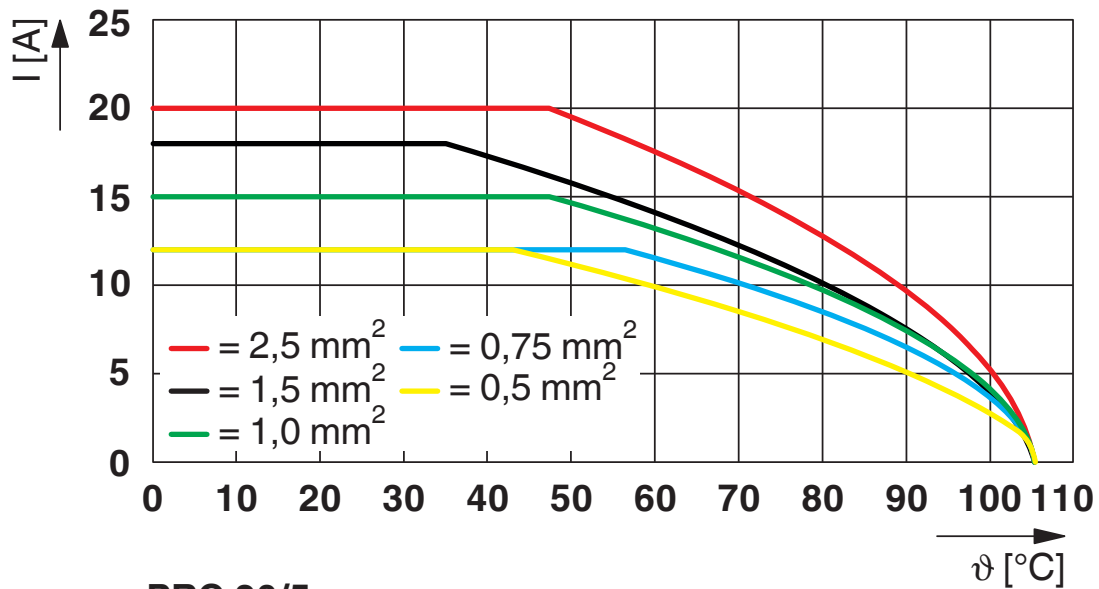


1308648

<https://www.phoenixcontact.com/us/products/1308648>

Drawings

Diagram



PRC 20/5...
IEC 60512-5-2 / 4 conductors

Derating

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



1308648

<https://www.phoenixcontact.com/us/products/1308648>

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC002635
----------	----------

Phoenix Contact 2023 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com