

PRC 20/5-C3-FT25-MS2,5 - Device connector front mounting



1308658

<https://www.phoenixcontact.com/us/products/1308658>

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.



Device connector front mounting, Range of articles: PRC 20, 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, Contact connection type: Pin, Setting option for release: 1. with a tool or 2. by hand, scope: HYBRID

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	1308658
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLHAD
GTIN	4063151557799
Weight per piece (including packing)	48.3 g
Weight per piece (excluding packing)	46.3 g
Customs tariff number	85366990
Country of origin	PL

PRC 20/5-C3-FT25-MS2,5 - Device connector front mounting



1308658

<https://www.phoenixcontact.com/us/products/1308658>

Technical data

Notes

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

Product properties

Product type	Panel feed-through
Product family	PRC 20
Area of application	HYBRID
Number of positions	5
Connection profile	4+PE
Coding	5-C3

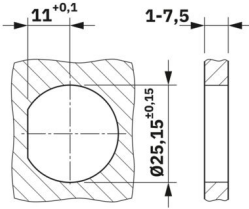
Data management status

Article revision	03
------------------	----

Insulation characteristics

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

Dimensions

Dimensional drawing	
Width	34 mm
Height	38.4 mm
Length	53.7 mm

Electrical properties

Nominal voltage ATD	400 V (III/2.00) in accordance with IEC 61984
	400 V AC (III/2.00) in accordance with IEC 61535
	600 V AC / DC (III/2.00) in accordance with UL 2238 / UL 2237
	500 V DC (III/2.00) in accordance with IEC 61535
Rated current	20 A (With 2.5 mm ² conductor cross section in accordance with IEC 61535)

Material specifications

Color	black
Material	PPE (Housing)
	PPE

PRC 20/5-C3-FT25-MS2,5 - Device connector front mounting



1308658

<https://www.phoenixcontact.com/us/products/1308658>

	CuZn (Contact material, Pb < 0.1)
	EPDM (Flat gasket)
Flammability rating according to UL 94	V0

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

Environmental and real-life conditions

Ambient conditions

Degree of protection (when plugged in)	IP66
	IP66
	IP66
Degree of protection	IP66
	IP68 (2 m / 2 h)
	IP69
Category of shock impact	IK08 (-25°C)
Ambient temperature (operation)	-40 °C ... 85 °C (observe derating)
Ambient temperature (storage/transport)	-40 °C ... 75 °C
Ambient temperature (assembly)	-5 °C ... 85 °C

PRC 20/5-C3-FT25-MS2,5 - Device connector front mounting

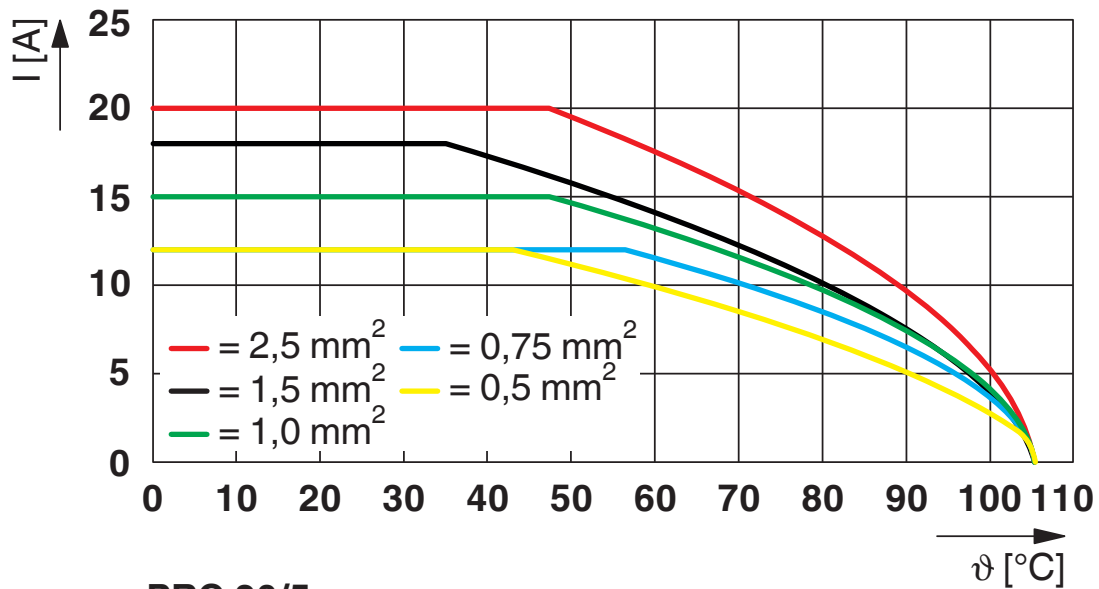


1308658

<https://www.phoenixcontact.com/us/products/1308658>

Drawings

Diagram



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

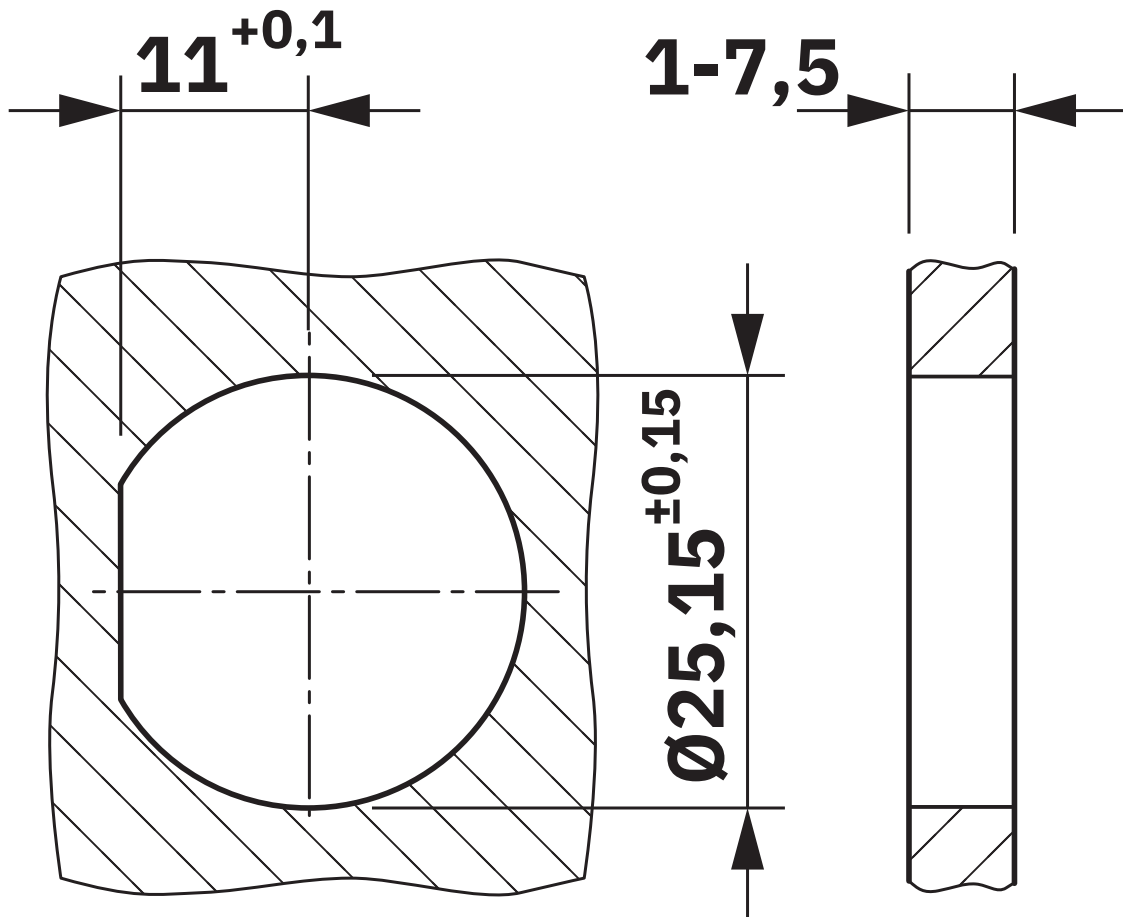
Derating

PRC 20/5-C3-FT25-MS2,5 - Device connector front mounting

1308658

<https://www.phoenixcontact.com/us/products/1308658>

Dimensional drawing



PRC 20/5-C3-FT25-MS2,5 - Device connector front mounting





1308658

<https://www.phoenixcontact.com/us/products/1308658>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1308658>

 UL Listed Approval ID: E221474-20240312				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	600 V	20 A	-	20 - 14

 cUL Listed Approval ID: E221474-20240312				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	600 V	20 A	20 - 14	-

cULus Listed				
---------------------	--	--	--	--

PRC 20/5-C3-FT25-MS2,5 - Device connector front mounting



1308658

<https://www.phoenixcontact.com/us/products/1308658>

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002635
----------	----------

PRC 20/5-C3-FT25-MS2,5 - Device connector front mounting



1308658

<https://www.phoenixcontact.com/us/products/1308658>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2024 © - 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