

PRC 3-CA-MF-H07-2,5-20,0 - Connecting cable



1150691

<https://www.phoenixcontact.com/us/products/1150691>

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.



Connecting cable, Range of articles: PRC 35, color: black, number of positions: 3, rated voltage: 690 V AC, rated current: 24 A, Connection method: Screw connection, This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

Your advantages

- Time savings of 80% for startup with Plug and Play
- Locking mechanism can be unlocked manually or using a tool
- Suitable for applications in atmospheres containing salt and in direct sunlight
- Ideal for indoor and outdoor use due to weatherproof materials

Commercial data

Item number	1150691
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLCDB
GTIN	4063151147969
Weight per piece (including packing)	3,906.904 g
Weight per piece (excluding packing)	3,906.904 g
Customs tariff number	85444290
Country of origin	PL

PRC 3-CA-MF-H07-2,5-20,0 - Connecting cable



1150691

<https://www.phoenixcontact.com/us/products/1150691>

Technical data

Notes

Order information:	This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.
--------------------	---

Product properties

Product type	Assembled installation cable
Product family	PRC 35
Number of positions	3
Connection profile	2+PE
Coding	AD

Insulation characteristics

Protection class	II
Degree of pollution	2

Electrical properties

Rated voltage (III/2)	690 V
Nominal voltage ATD	690 V AC (III/2.00) in accordance with IEC 61984
	600 V AC (III/2.00) In accordance with UL 2238
	500 V AC / DC (III/2.00) in accordance with IEC 61535, when mounted
Rated surge voltage (III/2)	8 kV
Rated current	24 A (in accordance with IEC 61984)
	20 A (in accordance with IEC 61535)

Dimensions

Width	37.6 mm
Height	37.6 mm
Length	20 m

Material specifications

Color	black
Color of the housing part	black
Material Seal	EPDM (Cable seal)
	EPDM (Housing seal)
Material Housing	PPE
Material Contact carrier	PPE
Material Cable gland	PPE
Material Contact	CuZn (Contact material, Pb < 0.1)
Flammability rating according to UL 94	V0
Insulating material group	I / CTI 600
Contact material	Cu

PRC 3-CA-MF-H07-2,5-20,0 - Connecting cable



1150691

<https://www.phoenixcontact.com/us/products/1150691>

Contact surface material	silver-plated
--------------------------	---------------

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	30 °C ... 60 °C
Ambient temperature (storage/transport)	30 °C ... 60 °C
Ambient temperature (assembly)	5 °C ... 60 °C

PRC 3-CA-MF-H07-2,5-20,0 - Connecting cable



1150691

<https://www.phoenixcontact.com/us/products/1150691>

Classifications

ECLASS

ECLASS-13.0	27440604
ECLASS-15.0	27440604

ETIM

ETIM 9.0	EC002587
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

PRC 3-CA-MF-H07-2,5-20,0 - Connecting cable



1150691

<https://www.phoenixcontact.com/us/products/1150691>

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.)	Triphenyl phosphate(CAS: 115-86-6)
SCIP	54342ef9-cc4b-46a8-8e9e-926a4614cd3b

Phoenix Contact 2025 © - 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