

Connector set - HC-STA-A03PT-BWS-HS-M20-PLRBK - 1424447

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Connector set, degree of protection: IP66, number of positions: 3, material: PA, connection method: Push-in connection, connection cross section: AWG 26- 16



COMPLIES WITH

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 372761
GTIN	4055626372761
Weight per Piece (excluding packing)	0.022 kg
Custom tariff number	85366990
Country of origin	China
Note	Made to Order (non-returnable)

Technical data

General

Type	D7
Connection method	Push-in connection
Degree of protection for housing	IP66
	12 (UL 50e)
Connection method	Push-in connection
Rated voltage (III/3)	230 V (Conductor-PE)
Rated surge voltage	4 kV
Rated current	10 A
Conductor cross section	0.14 mm ² ... 1.5 mm ² (with ferrule)
Connection cross section AWG	26 ... 16 (with ferrule)
External cable diameter	4 mm ... 10 mm
Ambient temperature (operation)	-40 °C ... 125 °C
Length of the assembly cutout	21 mm

Connector set - HC-STA-A03PT-BWS-HS-M20-PLRBK - 1424447

Technical data

General

Width of the assembly cutout	21 mm
Housing material	PA
Contact carrier material	PC
Locking latch material	PA
Integrated protective cover	no

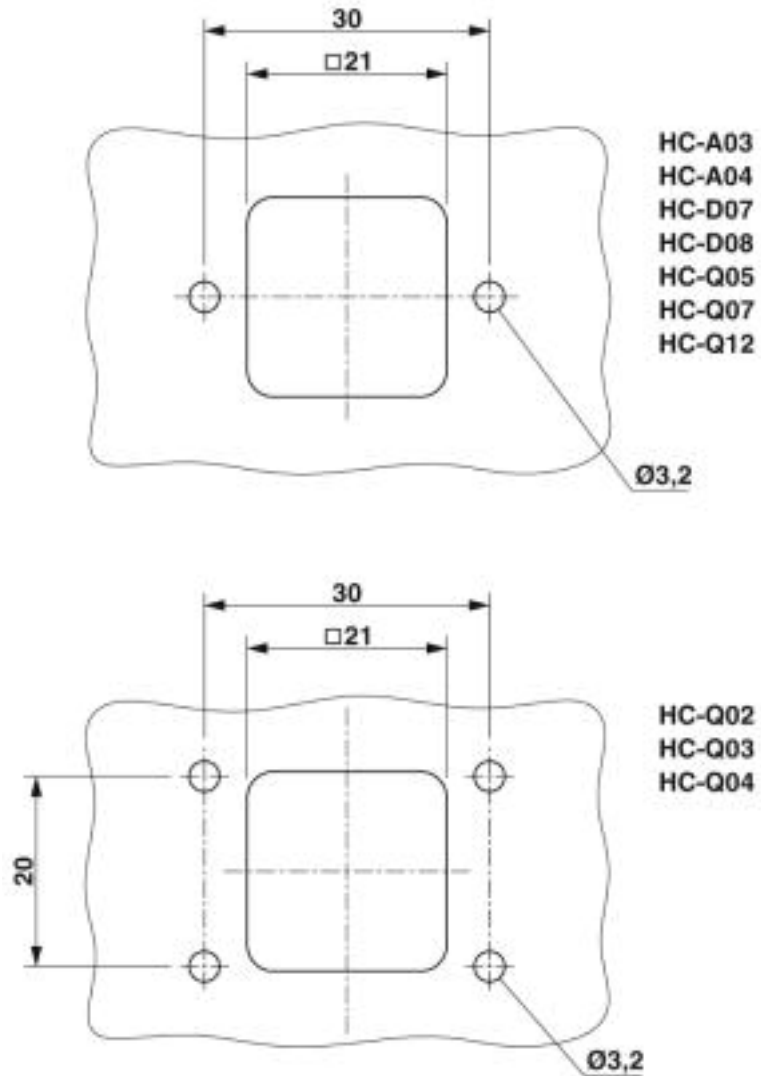
Standards and Regulations

Flammability rating according to UL 94	V0
--	----

Drawings

Connector set - HC-STA-A03PT-BWS-HS-M20-PLRBK - 1424447

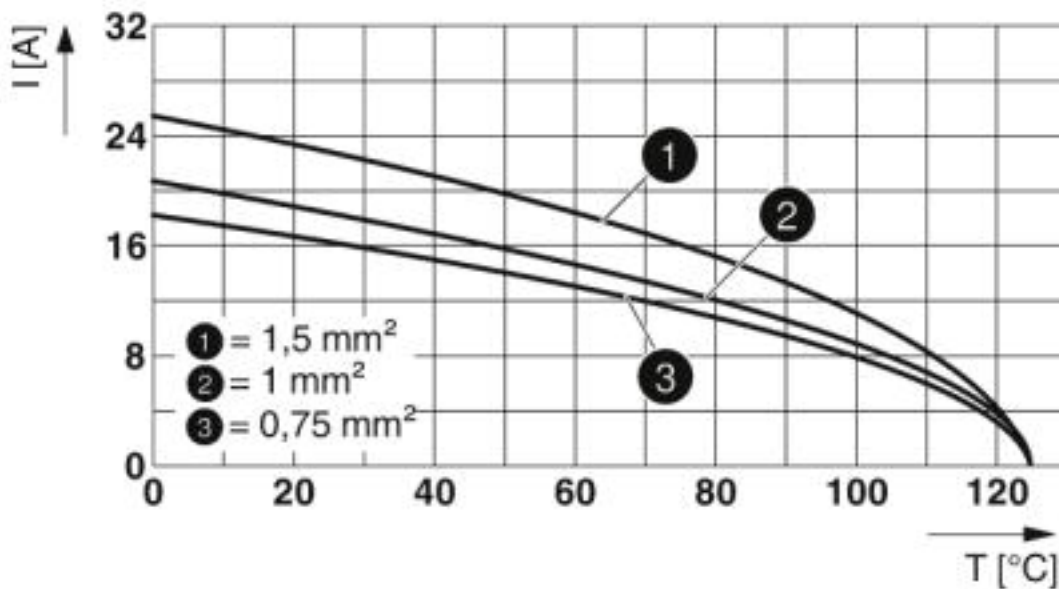
Dimensional drawing



Mounting cutout

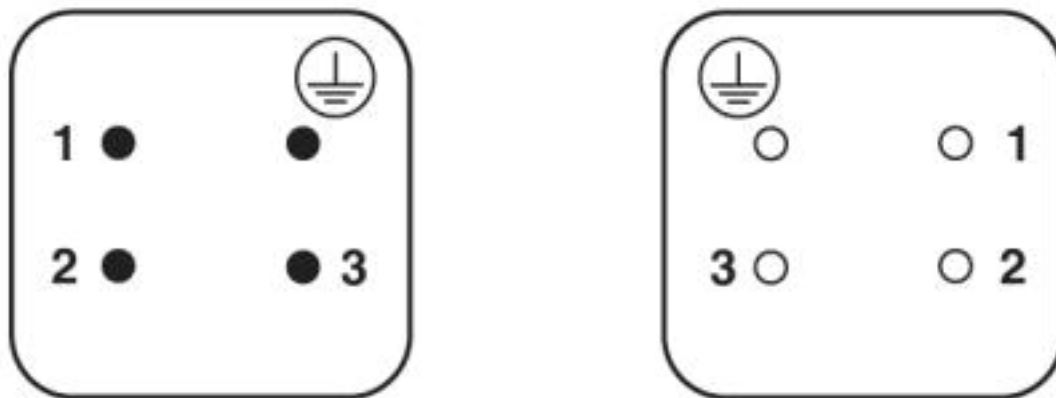
Connector set - HC-STA-A03PT-BWS-HS-M20-PLRBK - 1424447

Diagram



Derating diagram

Schematic diagram



Pin assignment, connection side, pin left, socket right

Articles in set

Contact insert - HC-A03-I-PT-M - 1585252



Contact insert, number of positions: 3+PE, size: D7, number of connections per position: 1, Pin, Push-in connection, 230/400 V, 10 A, 0.14 mm² ... 1.5 mm²

Connector set - HC-STA-A03PT-BWS-HS-M20-PLRBK - 1424447

Articles in set

Contact insert - HC-A03-I-PT-F - 1585265



Contact insert, number of positions: 3+PE, size: D7, number of connections per position: 1, Socket, Push-in connection, 230/400 V, 10 A, 0.14 mm² ... 1.5 mm²

Housing - HC-STA-D07-BWS-PL-BK - 1419265



Panel mounting base D7, with single locking latch, material: PA, height: 25.5 mm, cable gland: none, support sleeve: no, Standard

Housing - HC-STA-D07-HHFS-1SGM20-PL-BK - 1419257



Sleeve housing D7, for single locking latch, material: PA, cable outlets: 1, lateral, height: 54.5 mm, cable gland: with, support sleeve: no, 1x M20, Standard

Classifications

eCl@ss

eCl@ss 9.0	27440101
------------	----------

ETIM

ETIM 6.0	EC002636
ETIM 7.0	EC002636

Approvals

Approvals

Approvals

DNV GL

Ex Approvals

Approval details

Connector set - HC-STA-A03PT-BWS-HS-M20-PLRBK - 1424447

Approvals

DNV GL



<https://approvalfinder.dnvgi.com/>

TAE000037S

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Heavy Duty Power Connectors](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[1424439](#) [1424438](#) [09330062652](#) [2-8675P1](#) [580129-2](#) [605601-1](#) [6340G1](#) [6341G1](#) [6360G1](#) [6373G1](#) [6374g2](#) [6396G1](#) [647757-1](#) [66394-4](#)
[6643411-1](#) [6646058-2](#) [6646137-1](#) [6646138-1](#) [6646348-1](#) [6646479-1](#) [6646608-1](#) [6646786-1](#) [6646940-1](#) [6651091-1](#) [6651525-1](#) [6651529-1](#)
[6651778-1](#) [6651788-1](#) [696465-1](#) [696475-1](#) [73000005059](#) [73000005349](#) [73000005642](#) [73080255059](#) [73080965046](#) [765-15-0080A](#)
[765-16-0080B](#) [789.700-44](#) [789.700-54](#) [80-1010](#) [80-9](#) [827381-1](#) [829992-1](#) [902-77-02113](#) [PL00U-301-10D10](#) [PM103MOOLOO](#)
[PM16S1620S32-50](#) [PM212MOOLOO](#) [PM309FOOLOO](#) [PM324FOOLCH](#)