

# Connector set - HC-EVO-A10PT-BWS-HH-M20-PLRBK - 1424453

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: 10, material: PA, connection method: Push-in connection, connection cross section: AWG 26- 14



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 372822
GTIN	4055626372822
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	D15
Connection method	Push-in connection
Degree of protection for housing	IP66
	12 (UL 50e)
Connection method	Push-in connection
Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	16 A
Conductor cross section	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (applies to stranded conductors with ferrules)
Connection cross section AWG	26 ... 14
External cable diameter	7 mm ... 13 mm
Ambient temperature (operation)	-40 °C ... 100 °C
Length of the assembly cutout	58 mm
Width of the assembly cutout	24 mm
Housing material	PA
Contact carrier material	PC

# Connector set - HC-EVO-A10PT-BWS-HH-M20-PLRBK - 1424453

## Technical data

### General

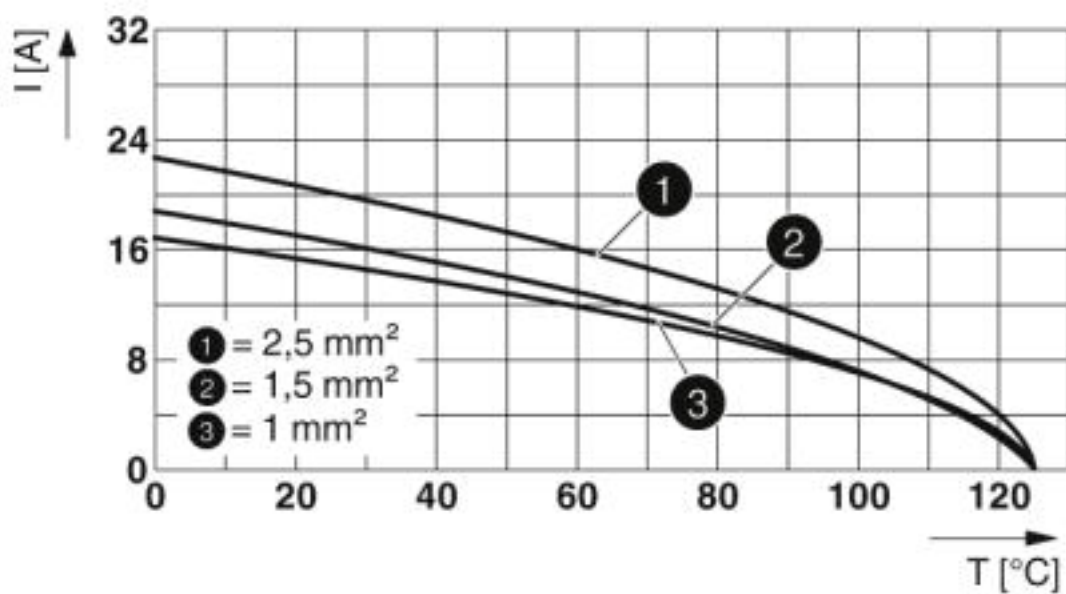
Locking latch material	PA
Integrated protective cover	no

### Standards and Regulations

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

## Drawings

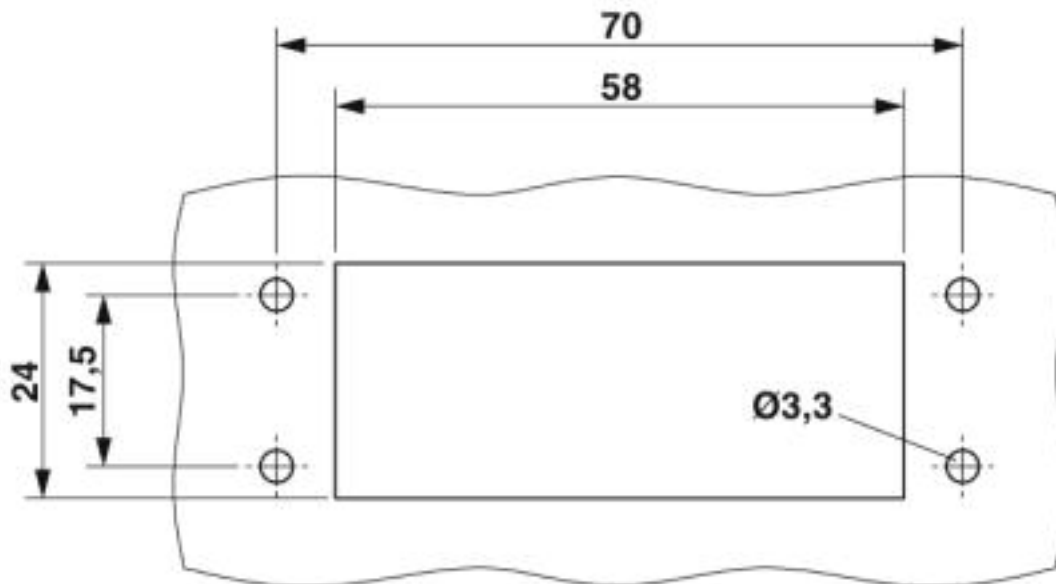
Diagram



Derating diagram

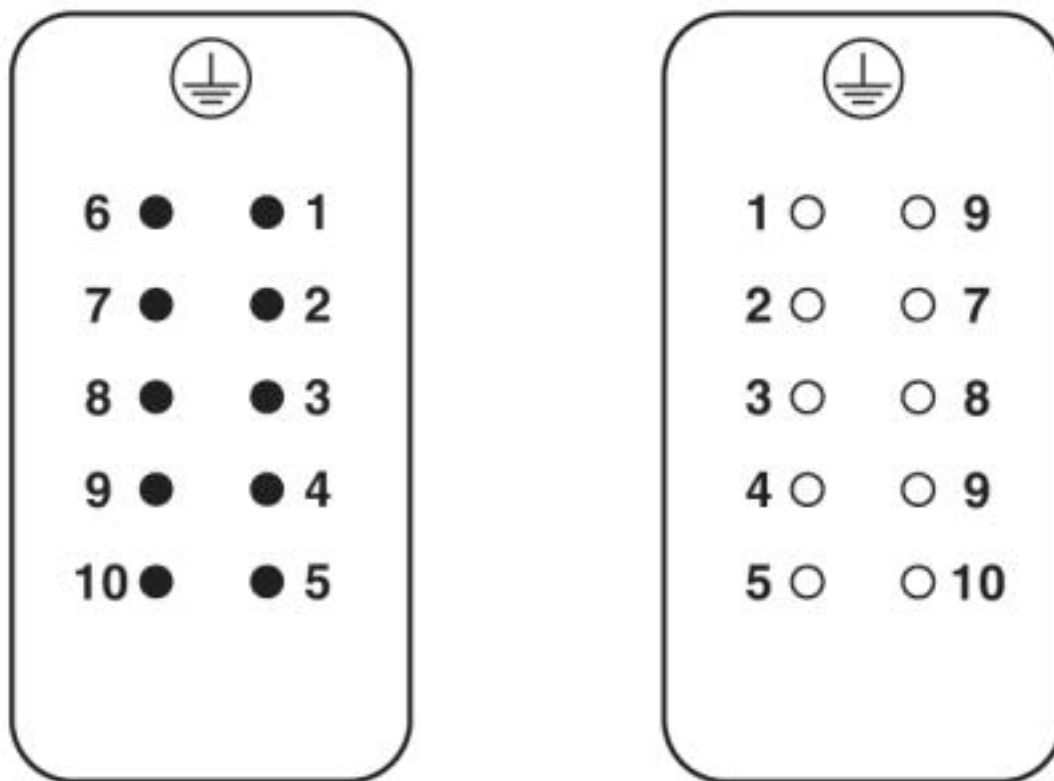
# Connector set - HC-EVO-A10PT-BWS-HH-M20-PLRBK - 1424453

Dimensional drawing



Mounting cutout

Schematic diagram



Pin assignment, connection side, pin left, socket right

## Connector set - HC-EVO-A10PT-BWS-HH-M20-PLRBK - 1424453

### Articles in set

Housing - HC-EVO-D15-HHFS-PL-BK - 1411340



Sleeve housing D15, for single locking latch, material: PA, cable outlets: 1, straight/lateral, height: 65.5 mm, cable gland: none, support sleeve: no, Standard

Housing - HC-EVO-D15-BWS-PLR-BK - 1411336



Panel mounting base D15, with single locking latch, material: PA, height: 26 mm, cable gland: none, support sleeve: no, Standard, with flat gasket

Cable gland - HC-D-G-M20-PLRBK - 1411350



EVO plastic cable gland with bayonet locking, for housing series D, size M20, cable diameter: 7 - 13 mm.

Contact insert - HC-A10-I-PT-M - 1585359



Contact insert, number of positions: 10+PE, size: D15, number of connections per position: 1, Pin, Push-in connection, 250 V, 16 A, 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Contact insert - HC-A10-I-PT-F - 1585362



Contact insert, number of positions: 10+PE, size: D15, number of connections per position: 1, Socket, Push-in connection, 250 V, 16 A, 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

### Classifications

eCl@ss

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

# Connector set - HC-EVO-A10PT-BWS-HH-M20-PLRBK - 1424453

## Classifications

### ETIM

ETIM 6.0	EC002636
ETIM 7.0	EC002636

## Approvals

### Approvals

---

Approvals

DNV GL

---

Ex Approvals

---

### Approval details

DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	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](#)