

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



1424453

<https://www.phoenixcontact.com/us/products/1424453>

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Connector set, number of positions: 10, material: PA, connection method: Push-in connection, connection cross section: AWG 26- 14, cable outlet: variable

## Commercial data

Item number	1424453
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	AF7AFX
GTIN	4055626372822
Weight per piece (including packing)	240.6 g
Weight per piece (excluding packing)	240.06 g
Customs tariff number	85366990
Country of origin	CN

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## Set consists of

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

1411340

<https://www.phoenixcontact.com/us/products/1411340>



Sleeve housing D15, for single locking latch, material: PA 6.6-FR, cable outlets: 1, straight/lateral, height: 65.5 mm, cable gland: none, Standard

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

1411336

<https://www.phoenixcontact.com/us/products/1411336>



Panel mounting base D15, with single locking latch, material: PA 6.6-FR, height: 26 mm, cable gland: none, Standard, with flat gasket

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

1411350

<https://www.phoenixcontact.com/us/products/1411350>



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

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

1585359

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

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

1585362

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

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## Technical data

### Product properties

Product type	Connector set
Housing type	Complete housing
Application	Standard
Type	D15
Number of positions	10
No. of cable outlets	1
Protective cover	no
Cable outlet	variable

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	16 A
Nominal voltage $U_N$	250 V
Nominal current $I_N$	16 A

### Connection data

Connection method	Push-in connection
Connection technology	Push-in connection
Conductor cross-section	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (applies to stranded conductors with ferrules) 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (applies to stranded conductors with ferrules)
Connection cross section AWG	26 ... 14

### Dimensions

#### Installation dimensions

Width of the assembly cutout	24 mm
Length of the assembly cutout	58 mm

### Material specifications

Flammability rating according to UL 94	V0
Housing material	PA
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC
Locking latch material	PA

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## Cable/line

External cable diameter	7 mm ... 13 mm
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66
Enclosure rating (NEMA)	12 (UL 50e)
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 100 °C

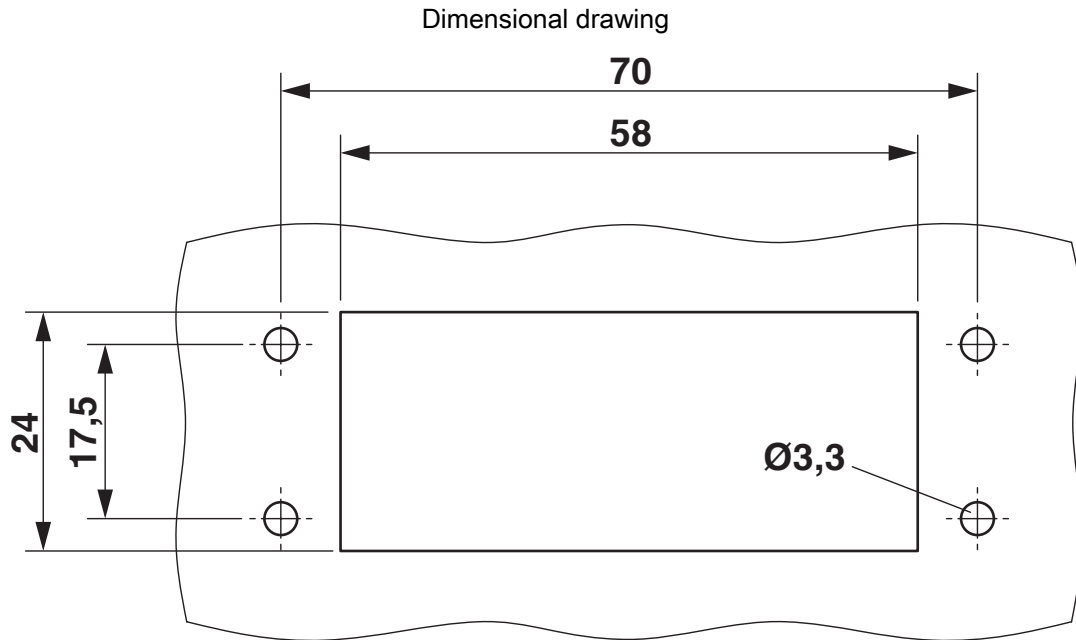
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## Drawings



Mounting cutout

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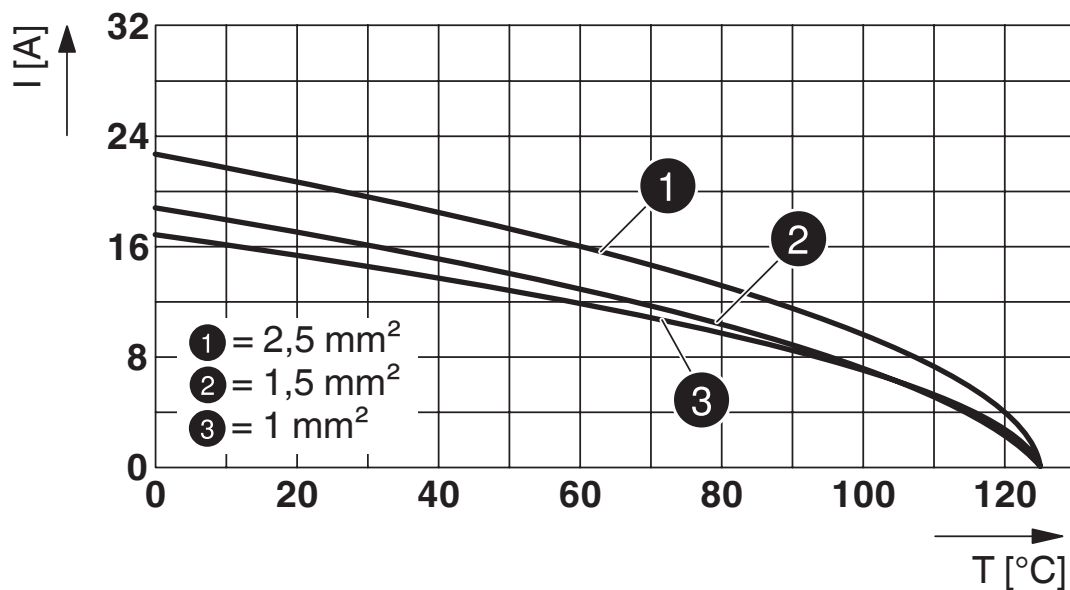
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Schematic diagram



Pin assignment, connection side, pin left, socket right

Diagram



Derating diagram

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424453>

**DNV**

Approval ID: TAE000037S

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## Classifications

### ECLASS

ECLASS-13.0	27440113
ECLASS-15.0	27440113

### ETIM

ETIM 10.0	EC002636
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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