

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

Commercial data

Item number	1424453
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	BF7AFX
Catalog page	Page 524 (C-2-2019)
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, cable outlets: 1, straight/lateral, height: 65.5 mm, cable gland: none, Standard

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, 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.

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 mm² ... 2.5 mm²

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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 mm² ... 2.5 mm²

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Technical data

Product properties

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

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

Connection data

Connection method	Push-in connection
Connection technology	Push-in connection
Conductor cross section	0.14 mm ² ... 2.5 mm ² (applies to stranded conductors with ferrules) 0.14 mm ² ... 2.5 mm ² (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
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC
Locking latch material	PA
Impact strength	IK08
Housing material	PA

Cable/line

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

Ambient conditions

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

Mounting

Connection method	Push-in connection
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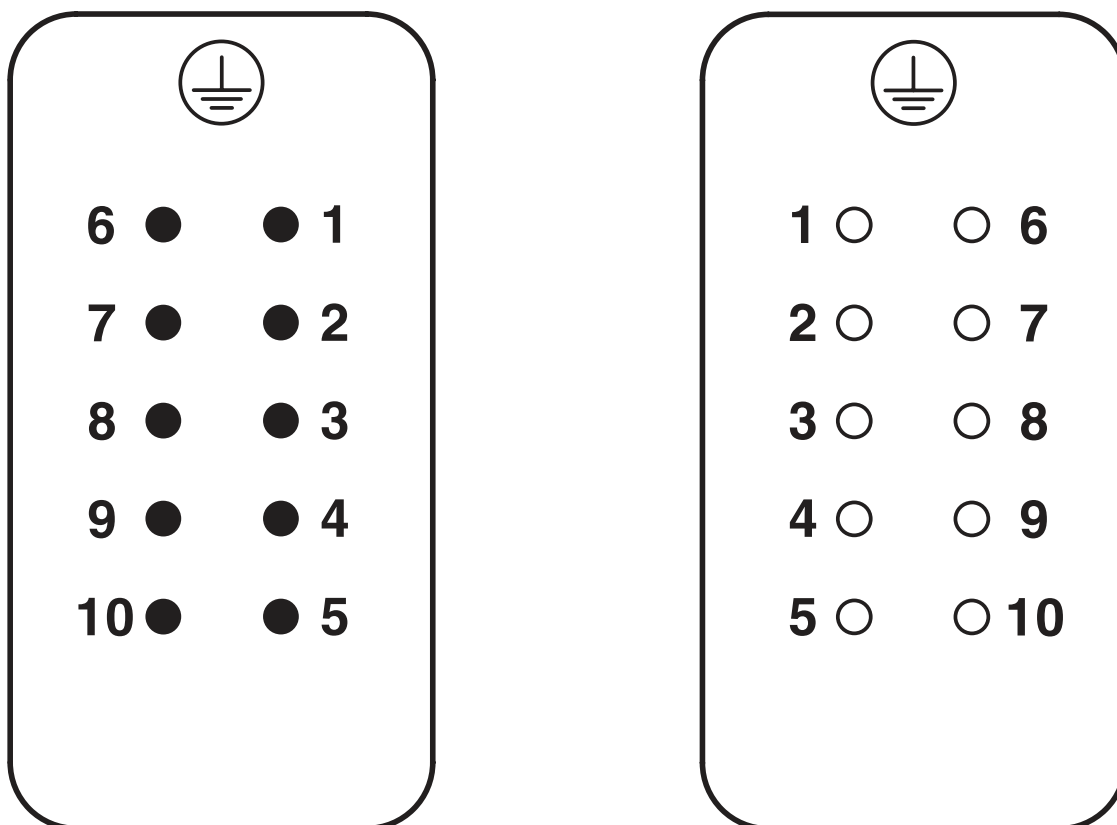


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Drawings

Schematic diagram

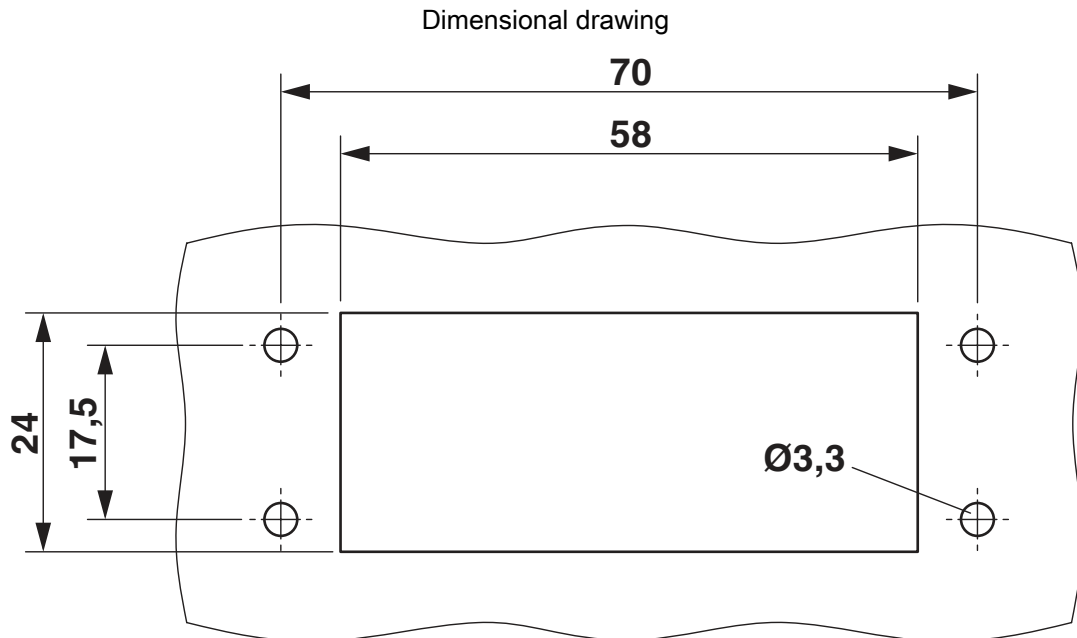


Pin assignment, connection side, pin left, socket right

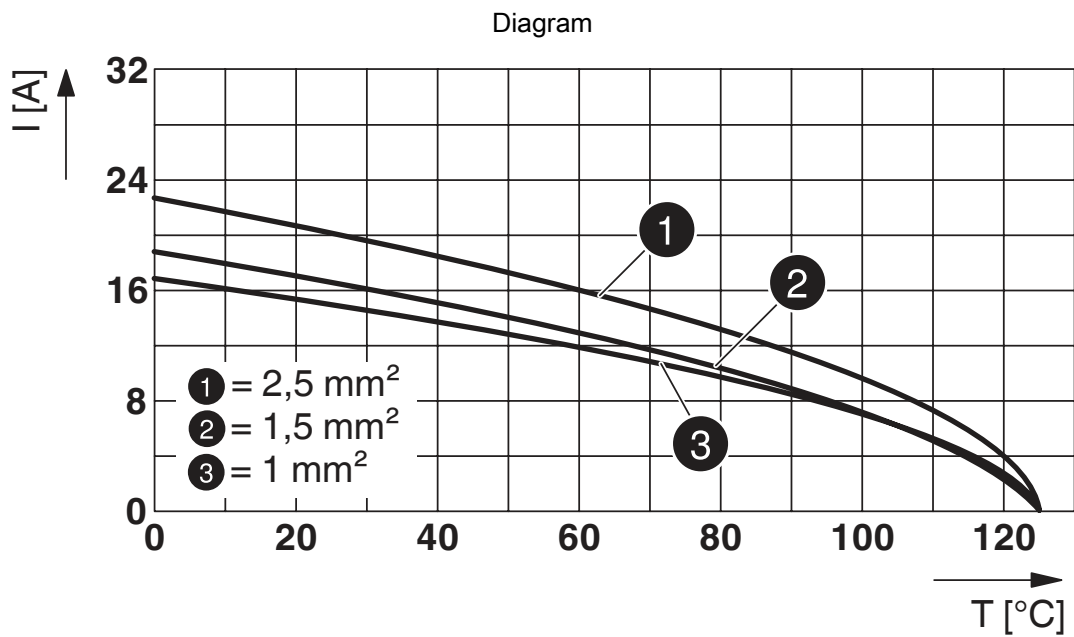
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Mounting cutout



Derating diagram

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Approvals

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DNV

Approval ID: TAE000037S



EAC

Approval ID: RU C-DE.BL08.B.00511

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Classifications

ECLASS

ECLASS-11.0	27440101
ECLASS-12.0	27440113
ECLASS-13.0	27440113

ETIM

ETIM 8.0	EC002636
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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