

HC-STA-A10PT-BWS-LS-M20-ELCAL - Connector set



1424457

<https://www.phoenixcontact.com/us/products/1424457>

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Connector set, number of positions: 10, connection method: Push-in connection, connection cross section: AWG 26- 14

Commercial data

Item number	1424457
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	BF7AFX
GTIN	4055626372860
Weight per piece (including packing)	310 g
Weight per piece (excluding packing)	308.5 g
Customs tariff number	85366990
Country of origin	CN

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Set consists of

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

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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HC-STA-D15-BWS-EL-AL - Housing

1424362

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Panel mounting base D15, with single locking latch, material: Die-cast aluminum, salt water resistant, height: 26 mm, cable gland: none, Standard

HC-STA-D15-HLFS-1STM20-ELC-AL - Housing

1424345

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Sleeve housing D15, for single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, lateral, 1x M20, height: 56 mm, cable gland: none, Standard

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G-INS-M20-S68N-NNES-S - Cable gland

1411163

<https://www.phoenixcontact.com/us/products/1411163>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

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

Data management status

Article revision	00
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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

Material Housing	Die-cast aluminum, saltwater-resistant
Flammability rating according to UL 94	V0
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	6 mm ... 12 mm
	10 mm ... 12 mm (for UL 514 B)

Environmental and real-life conditions

Ambient conditions

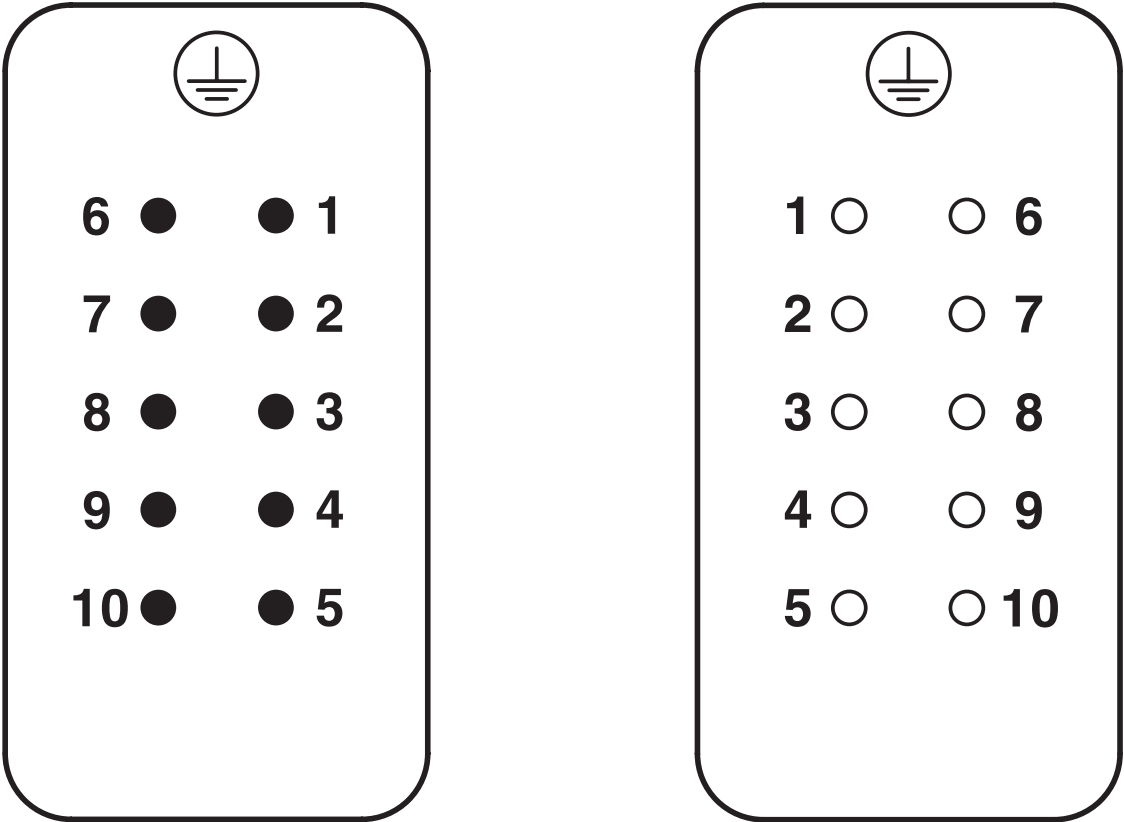
Degree of protection	IP66
	IP67
Enclosure rating (NEMA)	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 100 °C

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Drawings

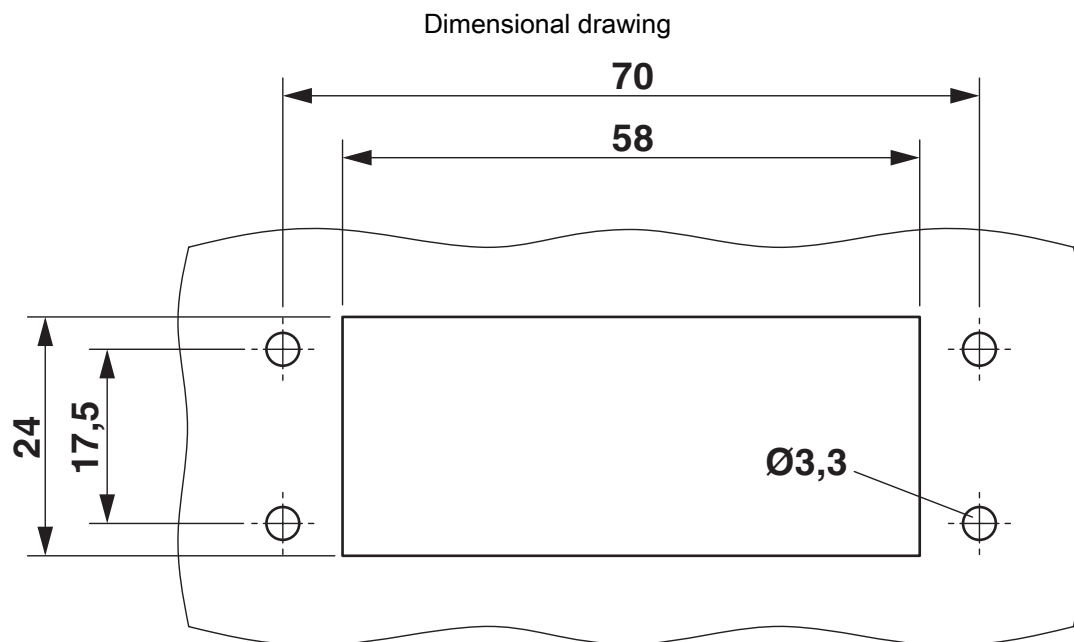
Schematic diagram



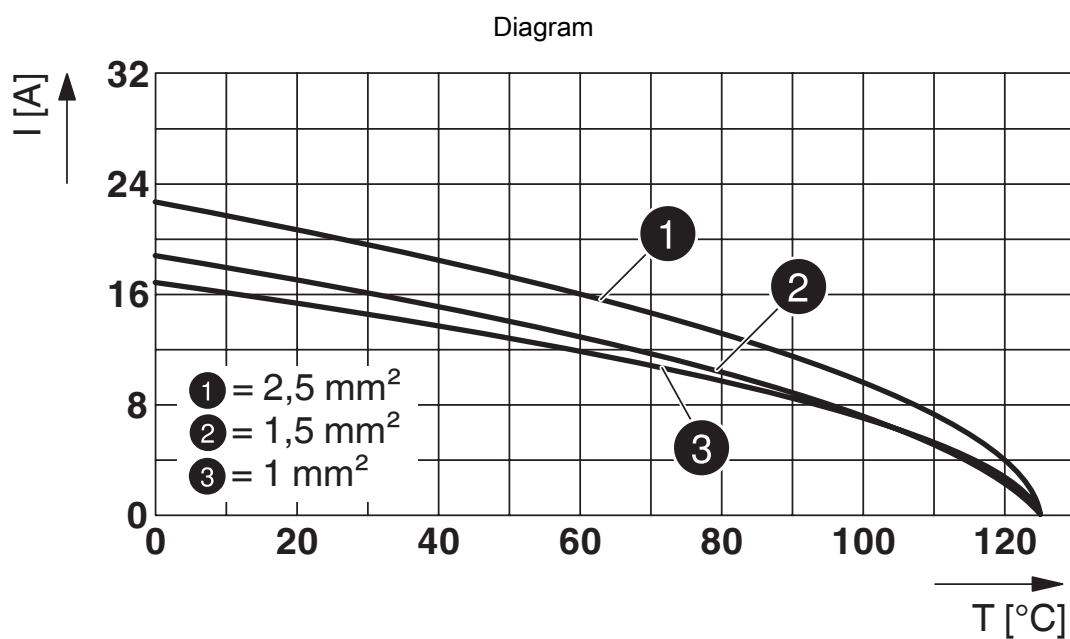
Pin assignment, connection side, pin left, socket right

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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 9.0	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
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	f7853969-b82b-4bf9-814e-fb69a428a016