

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



1424457

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

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 documentation. Our general terms of use for downloads are valid.

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

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



1424457

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

## 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 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

---

### 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>

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



1424457

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

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

1424362

<https://www.phoenixcontact.com/us/products/1424362>



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

<https://www.phoenixcontact.com/us/products/1424345>



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

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



1424457

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

## 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, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

1424457

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

## 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 <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

Material	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
Impact strength	IK08

### Cable/line

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



1424457

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

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

## Mounting

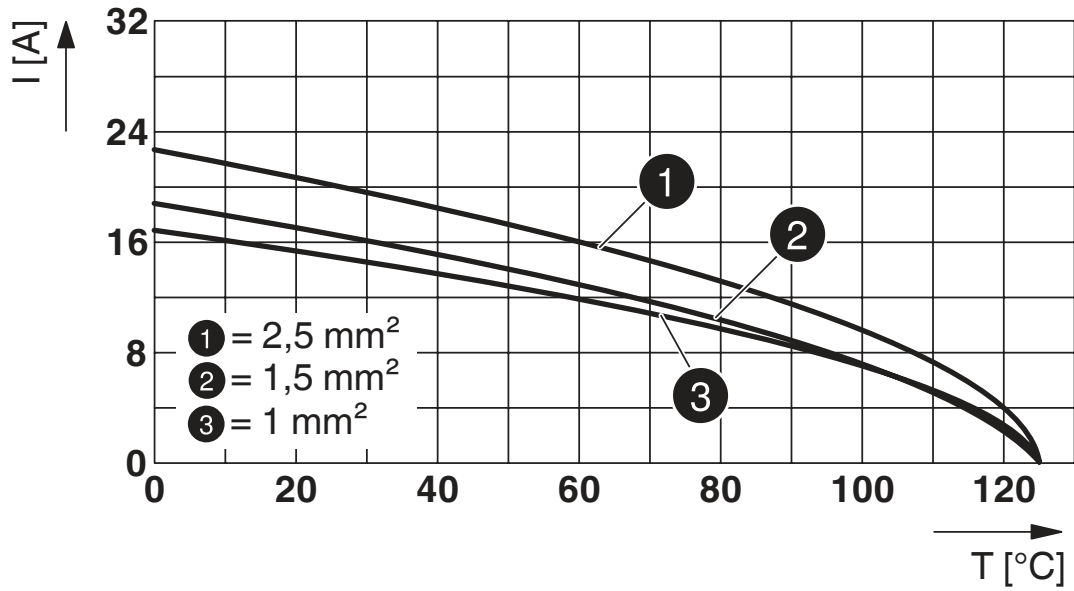
Connection method	Push-in connection
-------------------	--------------------

1424457

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

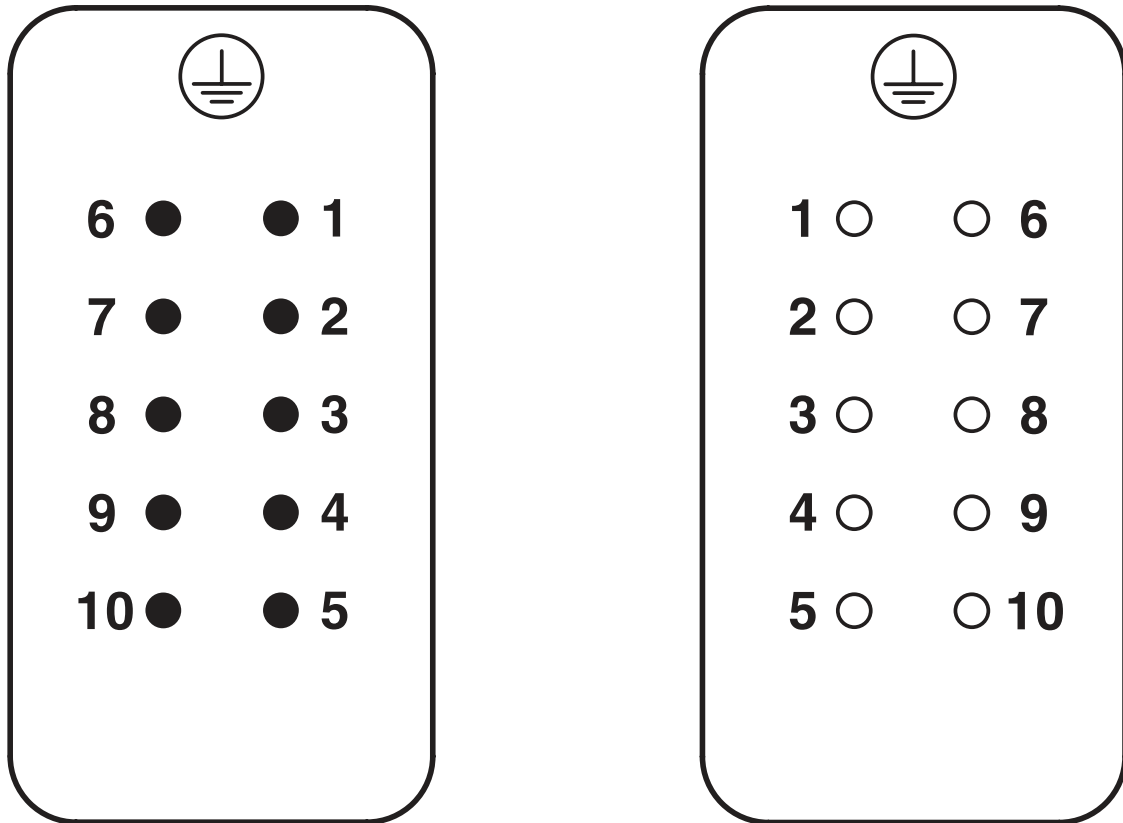
## Drawings

Diagram



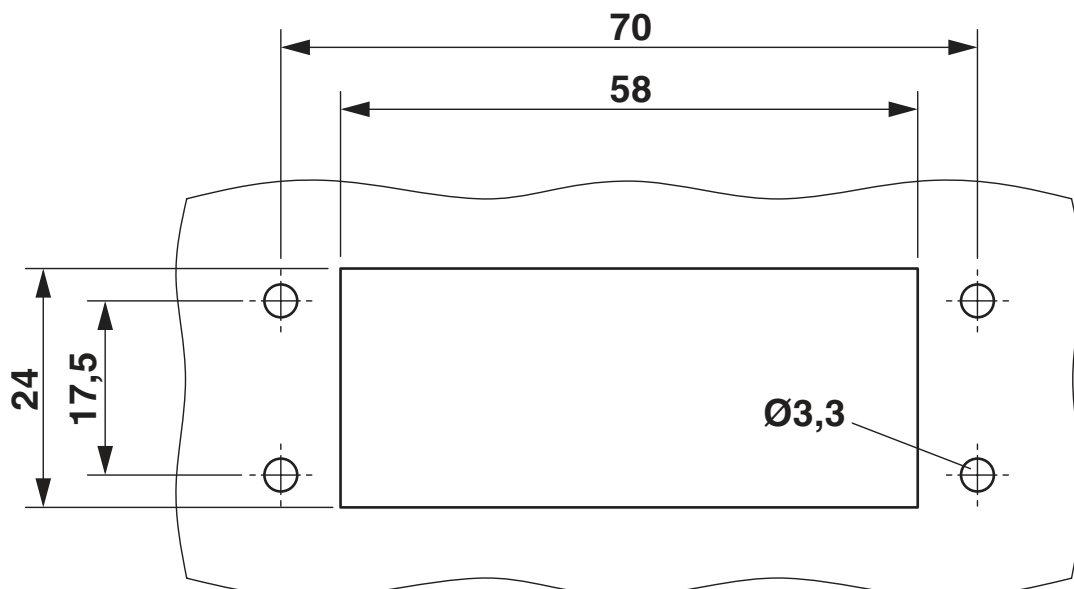
Derating diagram

Schematic diagram



Pin assignment, connection side, pin left, socket right

Dimensional drawing



Mounting cutout



1424457

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

## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424457>

**DNV**

Approval ID: TAE000037S

**ENEC**

**EAC**

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

1424457

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

## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	EC002636
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

1424457

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

## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2023 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)