

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



1424458

<https://www.phoenixcontact.com/us/products/1424458>

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

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1424458 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF63 |
| Product key | AF7AFX |
| GTIN | 4055626372877 |
| Weight per piece (including packing) | 336 g |
| Weight per piece (excluding packing) | 336 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-BWSC-EL-AL - Housing

1424363

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

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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-colored, with O-ring

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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 | yes |
| Cable outlet | lateral |

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 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 |
| Impact strength | IK08 |
| Ambient temperature (operation) | -40 °C ... 100 °C |

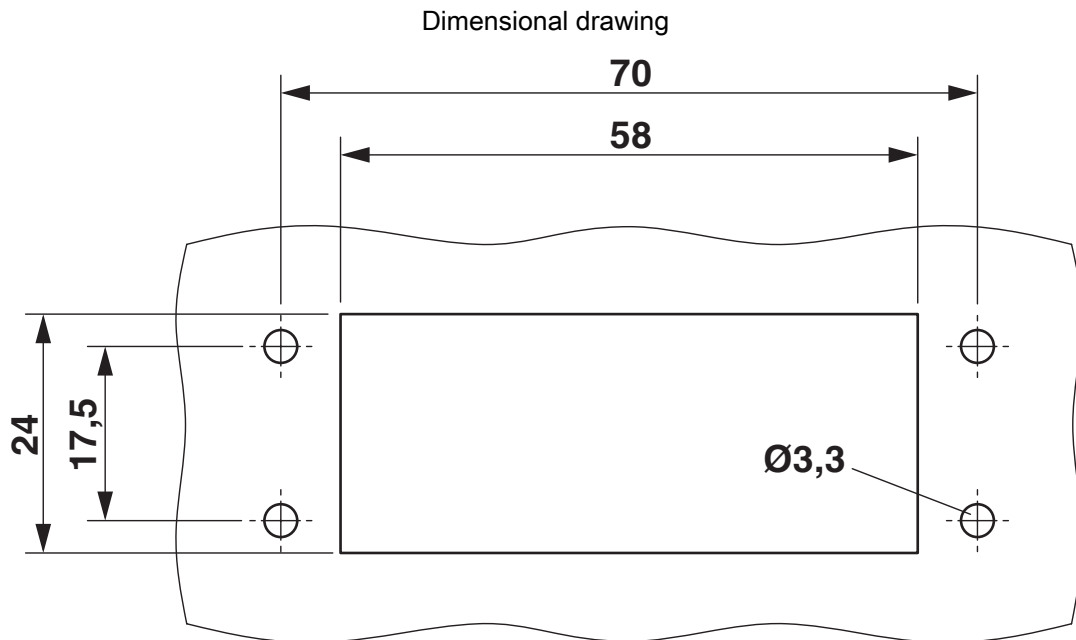
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Drawings



Mounting cutout

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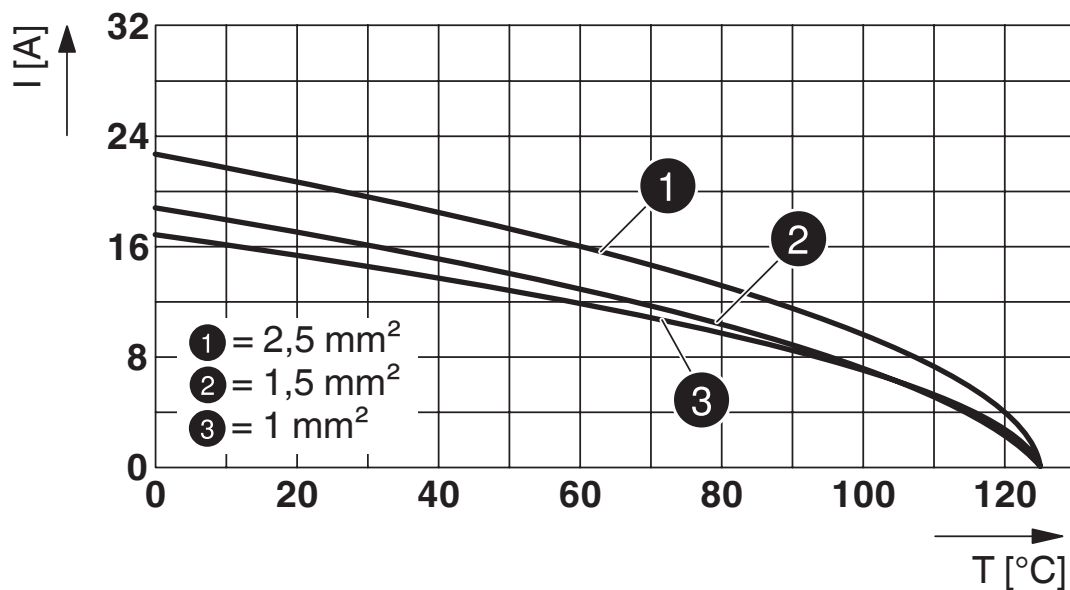
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Schematic diagram



Pin assignment, connection side, pin left, socket right

Diagram



Derating diagram

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Approvals

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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

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|-------------|----------|
| 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 | d27a7f50-5501-4f34-8f0e-21a0f94191c1 |

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