

## Connector set - HC-STA-B06PT-BWSC-LT-M20-ELCAL - 1416344

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Connector set, number of positions: 6, material: Die-cast aluminum, salt water resistant, connection method: Push-in connection, connection cross section: AWG 26- 14



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                 |
| GTIN         |  |
| GTIN         | 4055626069876                                                                        |

### Technical data

#### General

|                                  |                                     |
|----------------------------------|-------------------------------------|
| Number of positions              | 6+PE                                |
| Type                             | B6                                  |
| Rated voltage                    | 500 V                               |
| Rated current                    | 16 A                                |
| Connection method                | Push-in connection                  |
| Degree of protection for housing | IP66                                |
|                                  | IP67                                |
| Connection method                | Push-in connection                  |
| Rated voltage (III/3)            | 500 V                               |
| Rated surge voltage              | 6 kV                                |
| Rated current                    | 16 A                                |
| Conductor cross section          | 0.14 mm² ... 2.5 mm² (with ferrule) |
| Connection cross section AWG     | 26 ... 14                           |
| External cable diameter          | 6 mm ... 12 mm                      |
| Ambient temperature (operation)  | -40 °C ... 100 °C                   |
| Length of the assembly cutout    | 52 mm                               |
| Width of the assembly cutout     | 35 mm                               |

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### Technical data

#### General

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Housing material            | Die-cast aluminum, salt water resistant |
| Contact carrier material    | PC                                      |
| Locking latch material      | PA                                      |
| Integrated protective cover | Yes                                     |

#### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

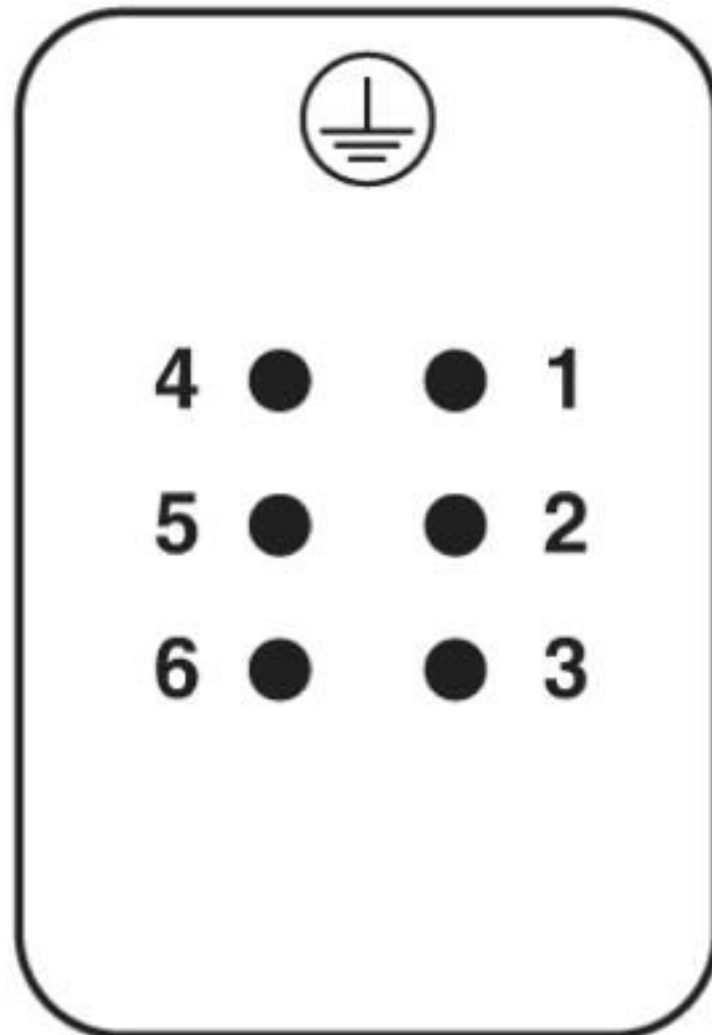
#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

## Connector set - HC-STA-B06PT-BWSC-LT-M20-ELCAL - 1416344

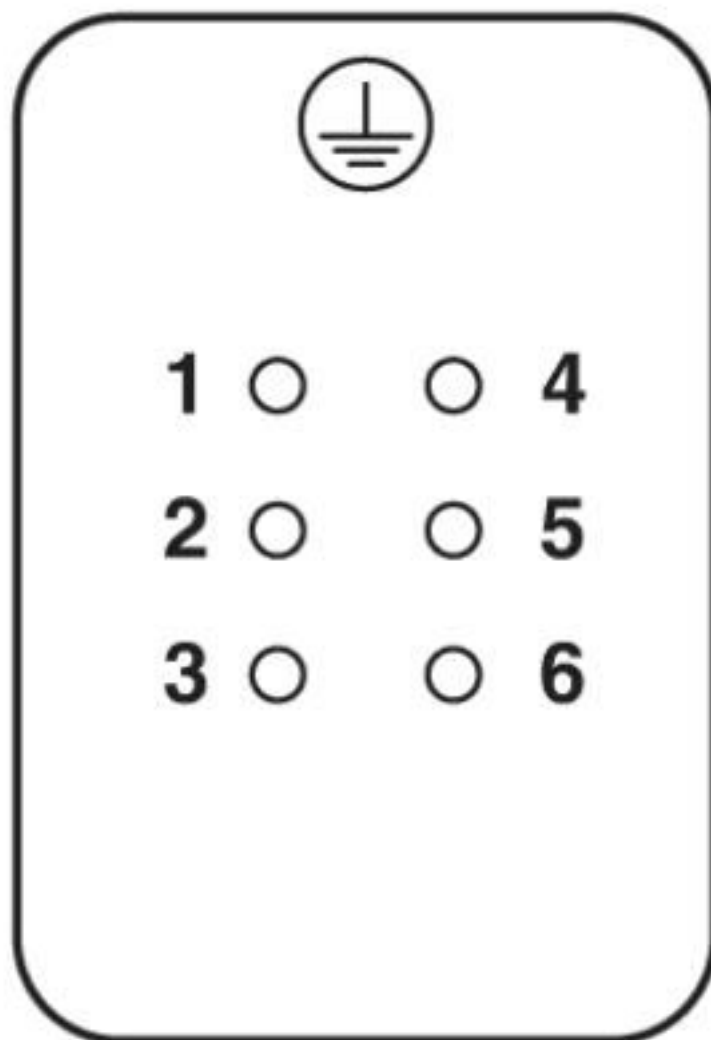
Schematic diagram



Pin assignment, connection side, pin

## Connector set - HC-STA-B06PT-BWSC-LT-M20-ELCAL - 1416344

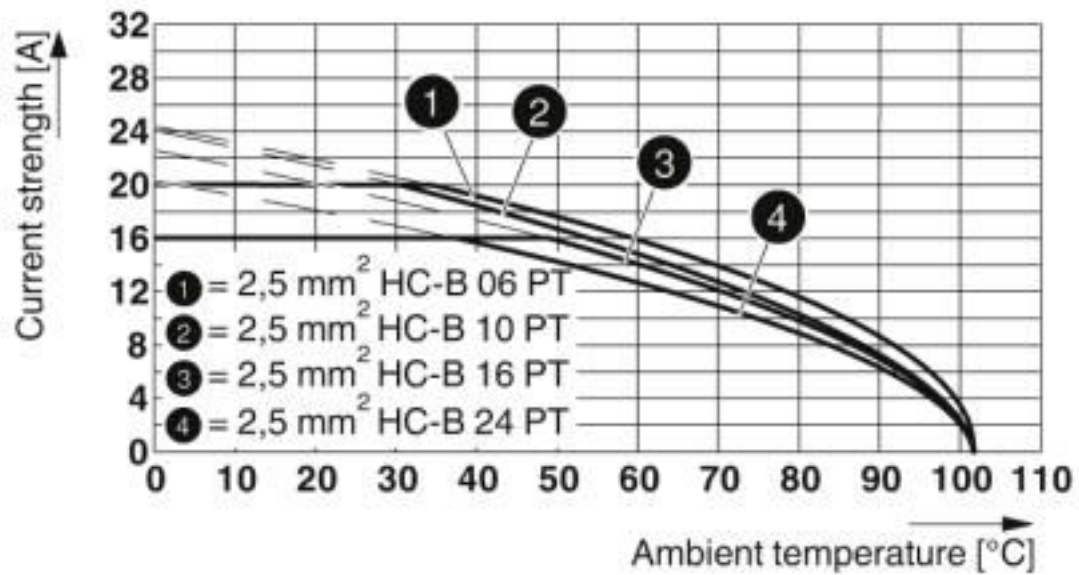
Schematic diagram



Pin assignment, connection side, socket

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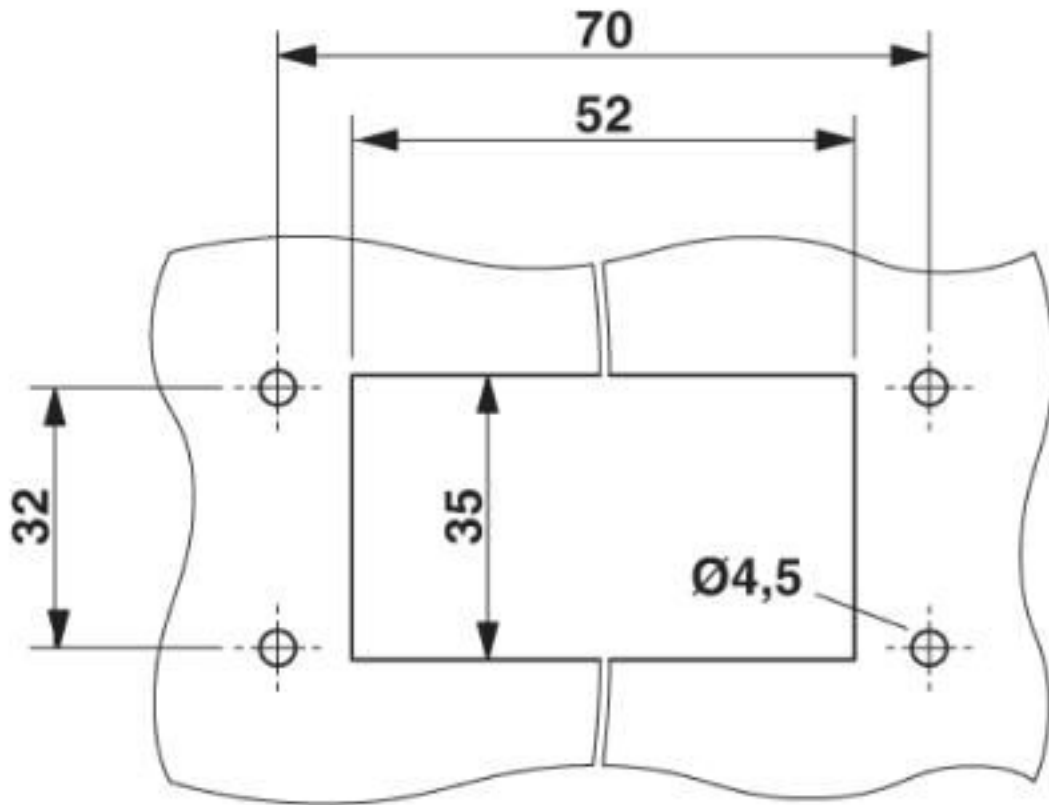
Diagram



Derating diagram

## Connector set - HC-STA-B06PT-BWSC-LT-M20-ELCAL - 1416344

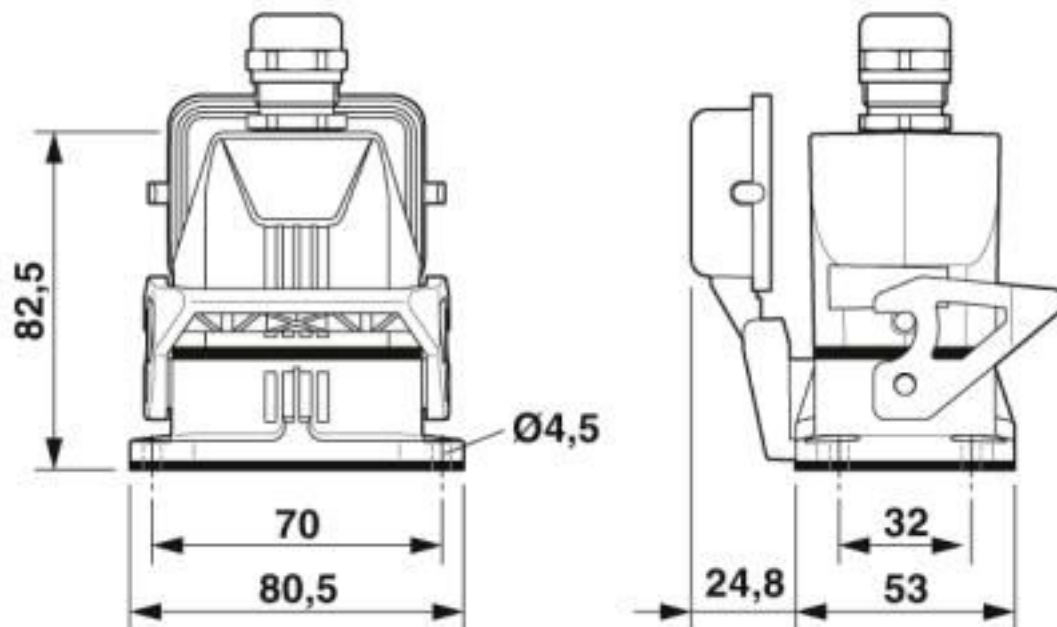
Dimensional drawing



Mounting cutout

## Connector set - HC-STA-B06PT-BWSC-LT-M20-ELCAL - 1416344

Dimensional drawing



Dimensional drawing

### Articles in set

Contact insert - HC-B06-I-PT-F - 1407727



HEAVYCON socket insert, B6 series, 6 + PE-pos., push-in connection

Contact insert - HC-B06-I-PT-M - 1407728



HEAVYCON pin insert, B6 series, 6 + PE-pos., push-in connection

Housing - HC-STA-B06-HLFS-1TTM20-EL-AL - 1412574



Sleeve housing B6, for single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, height: 52 mm, cable gland: none, support sleeve: no, 1x M20, Standard

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### Articles in set

Housing - HC-STA-B06-BWSC-ELC-AL - 1411319



HEAVYCON B6 panel mounting base, with single locking latch, with plastic protective cover, with flat gasket, salt-water-resistant aluminum, conductive profile gasket.

Cable gland - G-INS-M20-S68N-NNES-S - 1411163



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440101 |
| eCl@ss 4.0    | 27260700 |
| eCl@ss 4.1    | 27260700 |
| eCl@ss 5.0    | 27260700 |
| eCl@ss 5.1    | 27260700 |
| eCl@ss 6.0    | 27260700 |
| eCl@ss 7.0    | 27440101 |
| eCl@ss 8.0    | 27440101 |
| eCl@ss 9.0    | 27440101 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC002636 |
| ETIM 6.0 | EC002636 |
| ETIM 7.0 | EC002636 |

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121409 |
| UNSPSC 18.0 | 39121409 |
| UNSPSC 19.0 | 39121409 |
| UNSPSC 20.0 | 39121409 |
| UNSPSC 21.0 | 39121409 |

### Approvals

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### Approvals

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Approvals

EAC / DNV GL / EAC

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Ex Approvals

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### Approval details

|        |                                                                                     |                                                                                   |                          |
|--------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------|
| EAC    |    |                                                                                   | RU C-<br>DE.AI30.B.01102 |
| DNV GL |    | <a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a> | TAE000037S               |
| EAC    |  |                                                                                   | RU C-<br>DE.BL08.B.00511 |

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