



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Connector set - HC-STA-B16PT-BWD-LT-M25-ELCAL - 1416349


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Connector set, number of positions: 16, material: Die-cast aluminum, salt water resistant, connection method: Push-in connection, connection cross section: AWG 26- 14



## Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 071213
GTIN	4055626071213

## Technical data

### General

Number of positions	16+PE
Type	B16
Connection method	Push-in connection
Degree of protection for housing	IP66
	IP67
	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Connection method	Push-in connection
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

### Standards and Regulations

Flammability rating according to UL 94	V0
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### Environmental Product Compliance

# Connector set - HC-STA-B16PT-BWD-LT-M25-ELCAL - 1416349

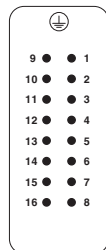
## Technical data

### Environmental Product Compliance

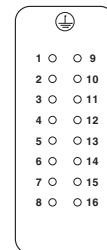
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Schematic diagram



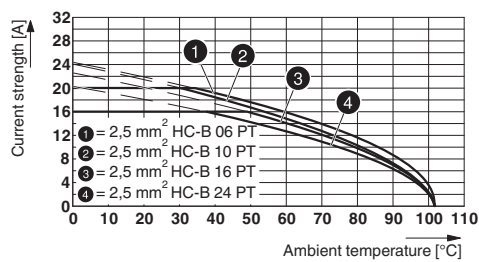
Schematic diagram



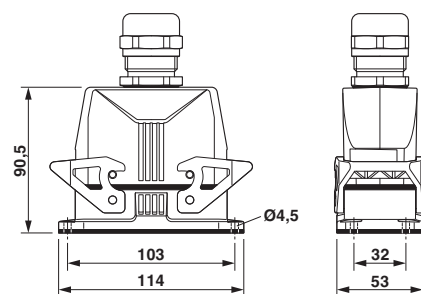
Pin assignment, connection side, pin

Pin assignment, connection side, socket

Diagram



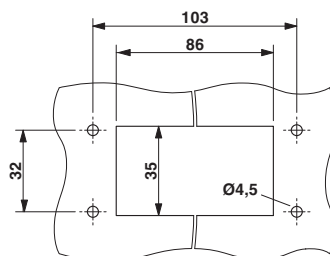
Dimensional drawing



Derating diagram

Dimensional drawing

Dimensional drawing



Mounting cutout

## Connector set - HC-STA-B16PT-BWD-LT-M25-ELCAL - 1416349

### Articles in set

Contact insert - HC-B16-I-PT-F - 1407731



HEAVYCON socket insert, B16 series, 16 + PE-pos., push-in connection

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Contact insert - HC-B16-I-PT-M - 1407732



HEAVYCON pin insert, B16 series, 16 + PE-pos., push-in connection

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Housing - HC-STA-B16-BWD-ELC-AL - 1411327



HEAVYCON B16 panel mounting base, with double locking latch, with flat gasket, salt-water-resistant aluminum, conductive profile gasket

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Housing - HC-STA-B16-HLFD-1TTM25-EL-AL - 1412721



Sleeve housing B16, for double locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, height: 60 mm, cable gland: none, support sleeve: no, 1x M25, Standard

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Cable gland - G-INS-M25-M68N-NNES-S - 1411165



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

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### Approvals

Approvals

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# Connector set - HC-STA-B16PT-BWD-LT-M25-ELCAL - 1416349

## Approvals

Approvals

GL / EAC


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Ex Approvals

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## Approval details

GL		<a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>	6196614 HH
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EAC			RU C- DE.AI30.B.01102
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