



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-EVO-B16PT-BWD-HH-M25ELC-AL - 1411489

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EVO connector set, B16 series, metal housing, consisting of: sleeve housing 1411460, panel mounting base 1411327, EVO screw connection 1411446, pin contact insert 1407732, socket contact insert 1407731



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 640.0 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| | |
|----------------------------------|---------------------------|
| Number of positions | 16+PE |
| Type | B16 |
| Connection method | Push-in connection |
| Cable exit | straight |
| Degree of protection for housing | IP66 |
| | IP69K (ISO 20653:2013-02) |
| | 4 |
| | 4X |
| | 12 |
| Connection method | Push-in connection |
| Rated voltage (III/3) | 500 V |
| Rated surge voltage | 6 kV |
| Rated current | 16 A |

Standards and Regulations

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

Connector set - HC-EVO-B16PT-BWD-HH-M25ELC-AL - 1411489

Articles in set

Contact insert - HC-B 16-I-PT-F - 1407731



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

Contact insert - HC-B 16-I-PT-M - 1407732



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

Cable gland - HC-B-G-M25-EC-AL - 1411446



EVO EMC cable gland with bayonet locking, B series, size M25, cable diameter: 11 - 16 mm

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

Housing - HC-EVO-B16-HHFD-EL-AL - 1411460



HEAVYCON EVO sleeve housing, EMC version, without powder coating, with bayonet flange for EVO screw connection, B16, for double locking latch, height: 88 mm, without EVO screw connection.

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 8.0 | 27440101 |

ETIM

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|----------|----------|
| ETIM 4.0 | EC002641 |
| ETIM 5.0 | EC002636 |

Approvals

Approvals

Approvals

EAC

Ex Approvals

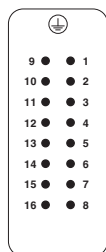
Approvals submitted

Approval details

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|-----|
| EAC |
|-----|

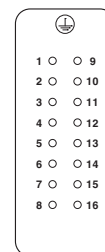
Drawings

Schematic diagram



Pin assignment, connection side, pin

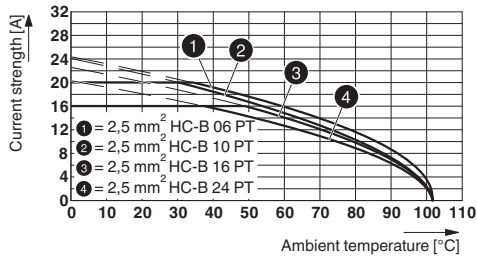
Schematic diagram



Pin assignment, connection side, socket

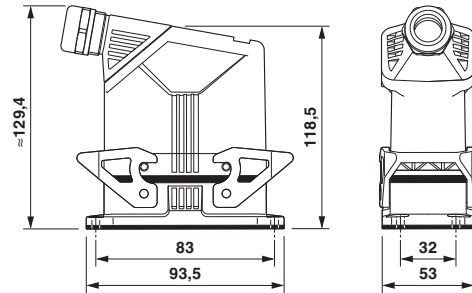
Connector set - HC-EVO-B16PT-BWD-HH-M25ELC-AL - 1411489

Diagram



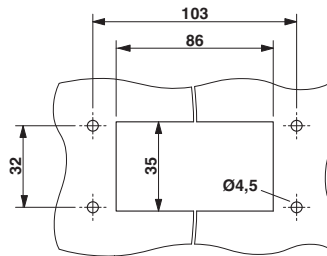
Derating diagram

Dimensional drawing



Dimensional drawing

Dimensional drawing



Panel cutout