



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-B24PT-BWSC-HH-M32-PLRBK - 1408794

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EVO connector set, B24 series, plastic housing, consisting of sleeve housing, panel mounting base, push-in contact inserts: 1407735, 1407736, 1407660, 1407656, 1407671

### Why buy this product

- ✓ Lower costs than metal version
- ✓ Labeling option using 9 x 20 mm marking label
- ✓ Low weight
- ✓ Lower risk of condensation
- ✓ Both contact insert PE sheets are connected by means of a metal frame integrated in the sleeve housing
- ✓ Metal inlays ensure leading PE contact with angled plugs
- ✓ Completely corrosion-resistant
- ✓ Halogen-free plastic
- ✓ Marking label can be attached

RoHS

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 834117
GTIN	4046356834117

### Technical data

#### General

Number of positions	24+PE
Type	B24
Connection method	Push-in connection
Cable outlet	straight
	lateral
Degree of protection for housing	IP66
	12 (UL 50e)
Connection method	Push-in connection

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## Technical data

### General

Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

### Standards and Regulations

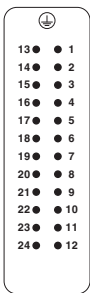
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

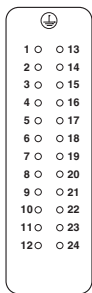
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Schematic diagram



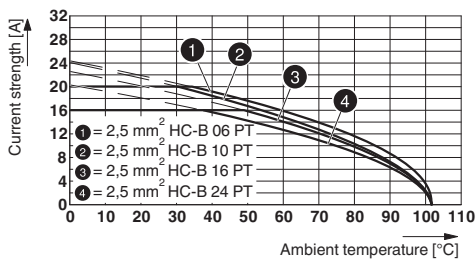
Schematic diagram



Pin assignment, connection side, pin

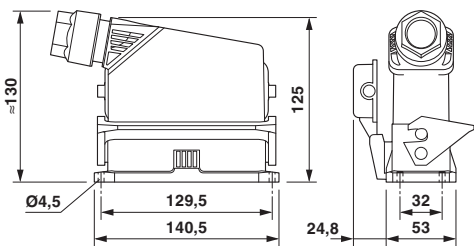
Pin assignment, connection side, socket

Diagram



Derating diagram

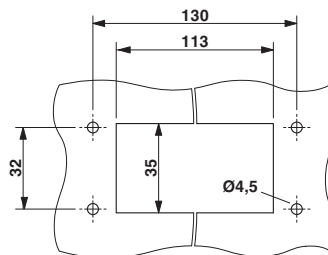
Dimensional drawing



Dimensional drawing

## Connector set - HC-EVO-B24PT-BWSC-HH-M32-PLRBK - 1408794

Dimensional drawing



Mounting cutout

### Articles in set

Contact insert - HC-B24-I-PT-F - 1407735



Contact insert, number of positions: 24+PE, size: B24, number of connections per position: 1, Socket, Push-in connection, 500 V, 16 A, 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, application: Power

Contact insert - HC-B24-I-PT-M - 1407736



HEAVYCON pin insert, B24 series, 24 + PE-pos., push-in connection

Housing - HC-EVO-B24-BWSC-PLRBK - 1407660



HEAVYCON EVO panel mounting base, plastic housing, B24, with single locking latch, height 30.5 mm, with flat gasket, with protective cover

Housing - HC-EVO-B24-HHFS-PLBK - 1407656



HEAVYCON EVO sleeve housing, plastic, with bayonet flange for EVO screw connection, B24, for single locking latch, height: 87.5 mm, without EVO screw connection



## Connector set - HC-EVO-B24PT-BWSC-HH-M32-PLRBK - 1408794

### Articles in set

Cable gland - HC-B-G-M32-PLRBK - 1407671



EVO plastic cable gland with bayonet locking, for housing series B, size M32, cable diameter: 11 ... 21 mm

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### Approvals

#### Approvals

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Approvals




EAC / EAC / GL

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Ex Approvals

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#### Approval details

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

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