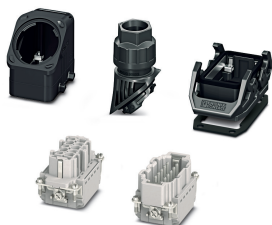


## Connector set - HC-EVO-B10PT-BWD-HL-M25-PLRBK - 1407711

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EVO connector set consisting of: 1407729, 1407730, 1407634, 1407628, 1407670

### Your advantages

- ✓ 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



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 777766
GTIN	404635677766

### Technical data

#### General

Number of positions	10+PE
Type	B10
Connection method	Push-in connection
Cable outlet	straight
	lateral
Degree of protection for housing	IP66
	12 (UL 50e)

# Connector set - HC-EVO-B10PT-BWD-HL-M25-PLRBK - 1407711

## Technical data

### General

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 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (with ferrule)
Connection cross section AWG	26 ... 14 (with ferrule)
External cable diameter	9 mm ... 17 mm
Ambient temperature (operation)	-40 °C ... 100 °C
Length of the assembly cutout	65 mm
Width of the assembly cutout	35 mm
Housing material	PA
Contact carrier material	PC
Locking latch material	PA
Integrated protective cover	no

### Standards and Regulations

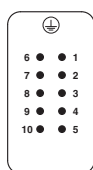
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

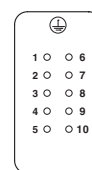
## Drawings

Schematic diagram



Pin assignment, connection side, pin

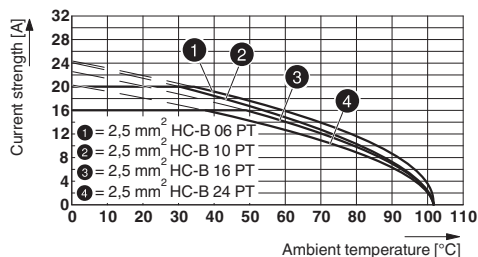
Schematic diagram



Pin assignment, connection side, socket

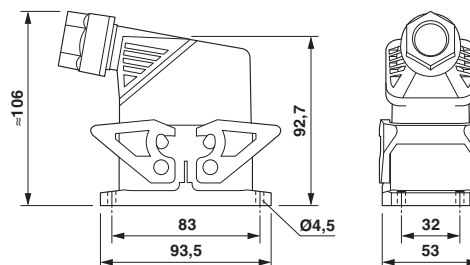
# Connector set - HC-EVO-B10PT-BWD-HL-M25-PLRBK - 1407711

Diagram



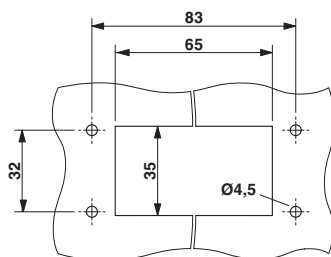
Derating diagram

Dimensional drawing



Dimensional drawing

Dimensional drawing



Mounting cutout

## Articles in set

Contact insert - HC-B10-I-PT-F - 1407729



HEAVYCON socket insert, B10 series, 10 + PE-pos., push-in connection

Contact insert - HC-B10-I-PT-M - 1407730



HEAVYCON pin insert, B10 series, 10 + PE-pos., push-in connection

# Connector set - HC-EVO-B10PT-BWD-HL-M25-PLRBK - 1407711

## Articles in set

Housing - HC-EVO-B10-BWD-PLRBK - 1407634



HEAVYCON EVO panel mounting base, plastic, B10, with double locking latch, height: 30.5 mm, with flat gasket

Housing - HC-EVO-B10-HLFD-PLBK - 1407628



HEAVYCON EVO sleeve housing, plastic, with bayonet flange for EVO screw connection, B10, for double locking latch, height: 60.5 mm, without EVO screw connection

Cable gland - HC-B-G-M25-PLRBK - 1407670



EVO plastic cable gland with bayonet locking, for housing series B, size M25, cable diameter: 9 ... 17 mm

## Classifications

### eCl@ss

eCl@ss 10.0.1	27440101
eCl@ss 11.0	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 9.0	27440101

### ETIM

ETIM 3.0	EC000438
ETIM 4.0	EC000437
ETIM 6.0	EC002636
ETIM 7.0	EC002636

# Connector set - HC-EVO-B10PT-BWD-HL-M25-PLRBK - 1407711

## Classifications

### UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

## Approvals


### Approvals

#### Approvals

EAC / DNV GL / EAC

#### Ex Approvals

### Approval details

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

### Accessories

### Device marking

## Connector set - HC-EVO-B10PT-BWD-HL-M25-PLRBK - 1407711

### Accessories

Snap-in markers - US-EMP (20X9) - 0829439



Snap-in markers, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped into marker carrier, lettering field size: 20 x 9 mm, Number of individual labels: 70

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### Housing latches

Double locking latch - HC-B10-24-DL-PLBK - 1407696



Replacement double locking latch for HEAVYCON EVO housing, HC-B10/HC-B16/HC-B24, PA

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