

Connector set - HC-EVO-B16PT-BWD-HH-M25-PLRBK - 1407712

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EVO connector set consisting of: 1407731, 1407732, 1407648, 1407643, 1407670

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 777773
GTIN	4046356777773
Weight per Piece (excluding packing)	439.000 g
Weight per piece (including packing)	439.000 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 outlet	straight

Connector set - HC-EVO-B16PT-BWD-HH-M25-PLRBK - 1407712

Technical data

General

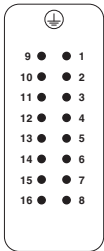
	lateral
Degree of protection for housing	IP66
	12 (UL 50e)
Connection method	Push-in connection
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

Standards and Regulations

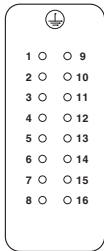
Flammability rating according to UL 94	V0
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Drawings

Schematic diagram



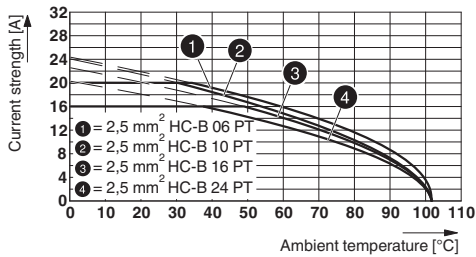
Schematic diagram



Pin assignment, connection side, pin

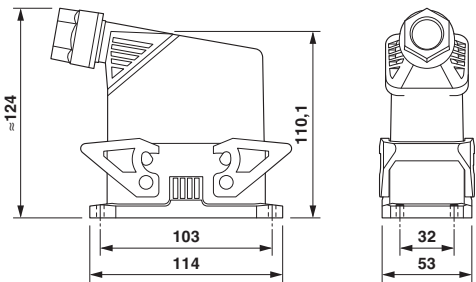
Pin assignment, connection side, socket

Diagram



Derating diagram

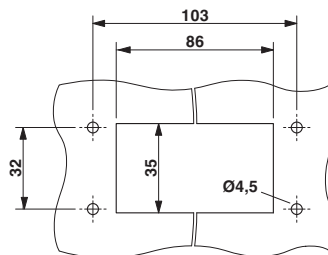
Dimensional drawing



Dimensional drawing

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Dimensional drawing



Mounting cutout

Articles in set

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



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

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



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

Housing - HC-EVO-B16-BWD-PLRBK - 1407648



HEAVYCON EVO panel mounting base, plastic, B16, with double locking latch, height: 30.5 mm, with flat gasket

Housing - HC-EVO-B16-HHFD-PLBK - 1407643



HEAVYCON EVO sleeve housing, plastic, with bayonet flange for EVO screw connection, B16, for double locking latch, height: 78 mm, without EVO screw connection

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Articles in set

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 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440101
eCl@ss 9.0	27440101

ETIM

ETIM 3.0	EC000438
ETIM 4.0	EC000437
ETIM 5.0	EC000437
ETIM 6.0	EC002636

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Connector set - HC-EVO-B16PT-BWD-HH-M25-PLRBK - 1407712

Approvals

Approval details

EAC		RU C- DE.AI30.B.01102
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EAC		EAC-Zulassung
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Accessories

Accessories

Device marking

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



Snap-in markers, Card, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, mounting type: snapped into marker carrier, lettering field size: 20 x 9 mm

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