

HC-EVO-B24PT-BWD-HH-M32ELC-AL - Connector set



1411490
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Connector set, degree of protection: IP66, number of positions: 24, connection method: Push-in connection, connection cross section: AWG 26- 14, cable outlet: straight

Commercial data

Item number	1411490
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BF7AFX
Catalog page	Page 637 (C-2-2017)
GTIN	4046356932905
Weight per piece (including packing)	775.5 g
Weight per piece (excluding packing)	775.5 g
Customs tariff number	85366990
Country of origin	CN

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Set consists of

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

1407735

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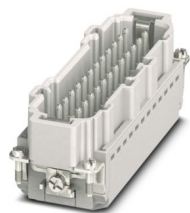


Contact insert, number of positions: 24+PE, size: B24, number of connections per position: 1, Socket, Push-in connection, 500 V, 16 A, 0.14 mm² ... 2.5 mm², application: Power

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

1407736

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Contact insert, number of positions: 24+PE, size: B24, number of connections per position: 1, Pin, Push-in connection, 500 V, 16 A, 0.14 mm² ... 2.5 mm², application: Power

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HC-B-G-M32-EC-AL - Cable gland

1411440

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EVO EMC cable gland with bayonet locking, B series, size M32, cable diameter: 14□...□21 mm

HC-EVO-B24-HHFD-EL-AL - Housing

1411472

<https://www.phoenixcontact.com/pc/products/1411472>



HEAVYCON EVO sleeve housing, EMC version, without powder coating, with bayonet flange for EVO screw connection, B24, for double locking latch, height: 88 mm, without EVO screw connection.

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HC-STA-B24-BWD-ELC-AL - Housing

1411331

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HEAVYCON B24 panel mounting base, with double locking latch, with flat gasket, salt-water-resistant aluminum, conductive profile gasket

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Technical data

Product properties

Type	B24
Product type	Connector set
Number of positions	24
Connection profile	24+PE
No. of cable outlets	1
Housing type	Complete housing
Seal present	yes
Protective cover	no
Series	HC-B
Cable outlet	straight

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

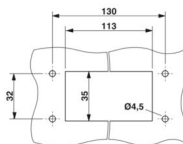
Electrical properties

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

Connection data

Connection method	Push-in connection
Connection technology	Push-in connection
Conductor cross section	0.14 mm ² ... 2.5 mm ² (with ferrule) 0.14 mm ² ... 2.5 mm ² (with ferrule)
Connection cross section AWG	26 ... 14
Tightening torque	0.5 Nm ... 1.7 Nm (Fixing screws for panel mounting base)
Stripping length	8 mm ... 10 mm

Dimensions

Dimensional drawing	
Width	53 mm
Height	118.5 mm
Length	140.5 mm
Drill hole distance, horizontal	130 mm
Drill hole distance, vertical	32 mm

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Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	113 mm

Material specifications

Material Housing	Die-cast aluminum, corrosion-resistant
Material Protective cover	PA
Flammability rating according to UL 94	V0
Seal material	NBR
	NBR
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA
Locking latch material	PA
Impact strength	IK09

Cable/line

External cable diameter ()	14 mm ... 21 mm
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Mechanical properties

Mechanical data

Locking type	Latch
Insertion/withdrawal cycles	≥ 500

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP67
	IP66
Enclosure rating (NEMA)	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 100 °C

Mounting

Mounting type	Screw mounting
Assembly instructions	Coding also using the CP-HC (1686478) coding profiles. HC-B6.. / HC-B10..for two coding profiles. HC-B16.. / HC-B24..for four coding profiles.
	Connectors may only be operated when there is no load/the power is switched off. Can be used for solid wires and stranded wires with ferrule.

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