PHŒNIX CONTACT

Connector set - HC-EVO-B10PT-BWSC-HL-M25ELC-AL - 1411491

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EVO connector set, B10 series, metal housing, consisting of sleeve housing 1411456, panel mounting base 1411321, EVO screw connection 1411446, push-in contact inserts: 1407729, 1407730

RoHS
COMPLETE line

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 932912
GTIN	4046356932912
Weight per Piece (excluding packing)	520.000 g
Custom tariff number	85366990
Country of origin	Germany

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
	IP67
	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Connection technology	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
Conductor cross section	0.14 mm² ... 2.5 mm² (with ferrule)
Connection cross section AWG	26 ... 14
External cable diameter	11 mm ... 16 mm
Ambient temperature (operation)	-40 °C ... 100 °C
Length of the assembly cutout	65 mm
Width of the assembly cutout	35 mm
Housing material	Die-cast aluminum, corrosion resistant
Contact carrier material	PA
Locking latch material	PA
Integrated protective cover	Yes

Environmental Product Compliance
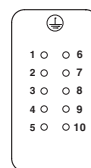
REACh SVHC	Lead 7439-92-1

Drawings

Schematic diagram
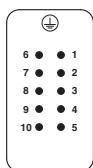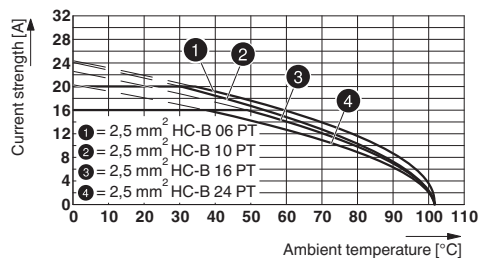
Schematic diagram

Pin assignment, connection side, pin

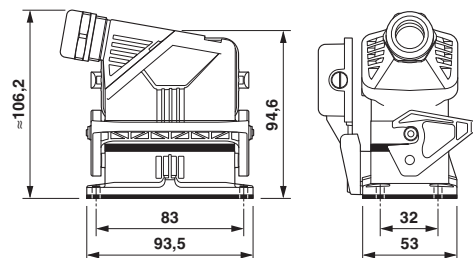Pin assignment, connection side, socket

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Diagram

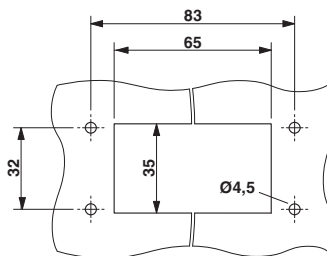Derating diagram

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

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

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

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Articles in set

Housing - HC-EVO-B10-HLFS-EL-AL - 1411456

HEAVYCON EVO sleeve housing, EMC version, without powder coating, with bayonet flange for EVO screw connection, B10, for single locking latch, height: 64 mm, without EVO screw connection.

Housing - HC-STA-B10-BWSC-ELC-AL - 1411321

HEAVYCON panel mounting base, B10, with single locking latch, with plastic protective cover, with flat gasket, salt-water-resistant aluminum, conductive profile gasket.

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

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 4.0	EC002641
ETIM 6.0	EC002636

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Classifications

ETIM

ETIM 7.0	EC002636

UNSPSC

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	EAC		RU C-DE.AI30.B.01102

DNV GL	DNV-GL DNVGL.COM/AF	https://approvalfinder.dnvgl.com/	TAE000037S

EAC	EAC		RU C-DE.BL08.B.00511

Accessories

Accessories

Device marking

Connector set - HC-EVO-B10PT-BWSC-HL-M25ELC-AL - 1411491

Accessories

Plastic label - US-EMLP-HA (20X9) - 0830989

Plastic label, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70

Housing latches

Single locking latch - HC-B10-SL-PLBK - 1407698

Replacement single locking latch for HEAVYCON EVO housing type B10, PA

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