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Connector set - HC-EVO-B06PT-BWSC-HL-M20ELC-AL - 1411487

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EVO connector set, B6 series, metal housing, consisting of: sleeve housing 1411448, panel mounting base 1411319, EVO screw connection 1411439, pin contact insert 1407728, socket contact insert 1407727

RoHS

COMPLETE line

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356932875
Weight per Piece (excluding packing)	440.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Number of positions	6+PE
Type	B6
Connection method	Push-in connection
Cable outlet	straight
	lateral
Degree of protection for housing	IP66 (with locked protective cover)
	IP67 (when plugged in)
	4 (UL 50e)
	4X (UL 50e)
	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
Conductor cross section	0.14 mm² ... 2.5 mm² (with ferrule)
Connection cross section AWG	26 ... 14
External cable diameter	9 mm ... 12 mm
Ambient temperature (operation)	-40 °C ... 100 °C
Length of the assembly cutout	52 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

Standards and Regulations
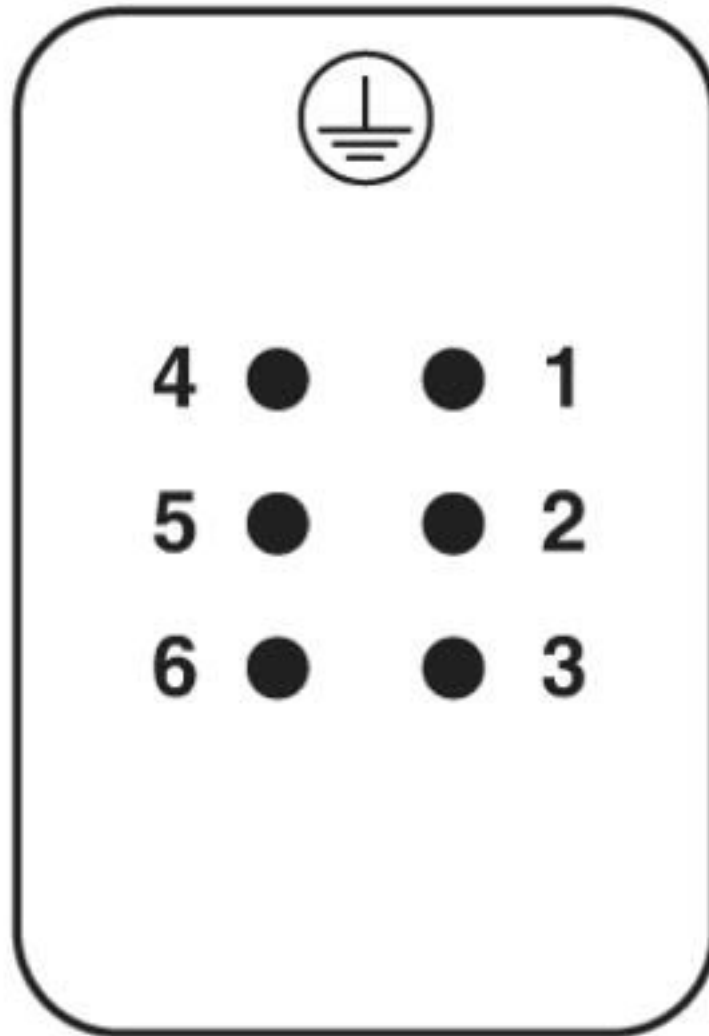
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1

Drawings
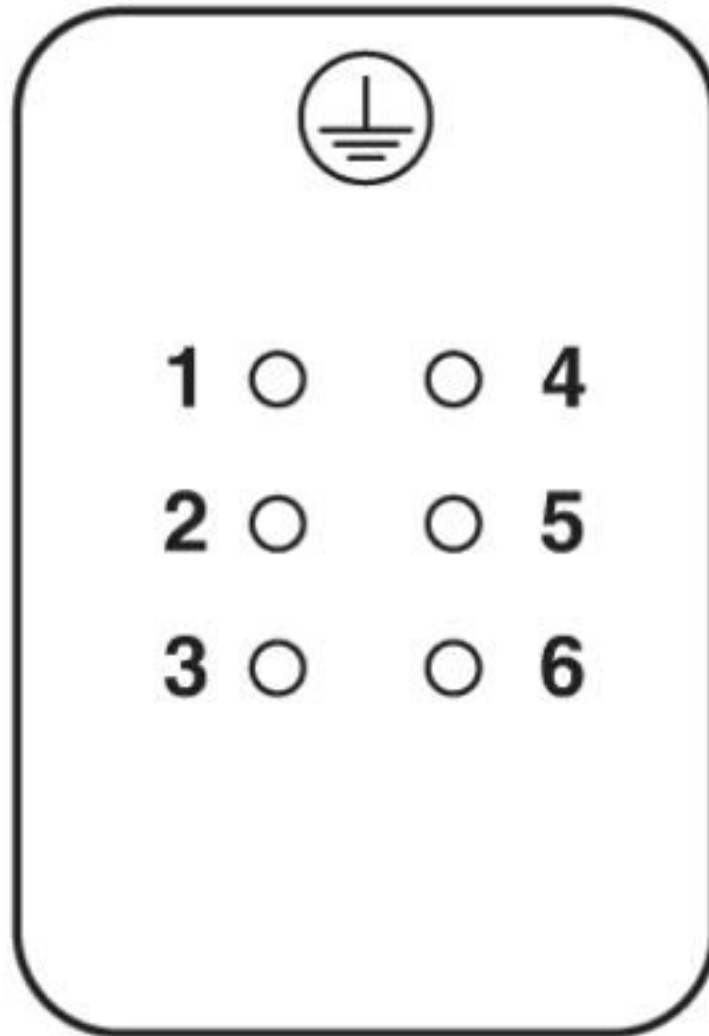
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Schematic diagram

Pin assignment, connection side, pin

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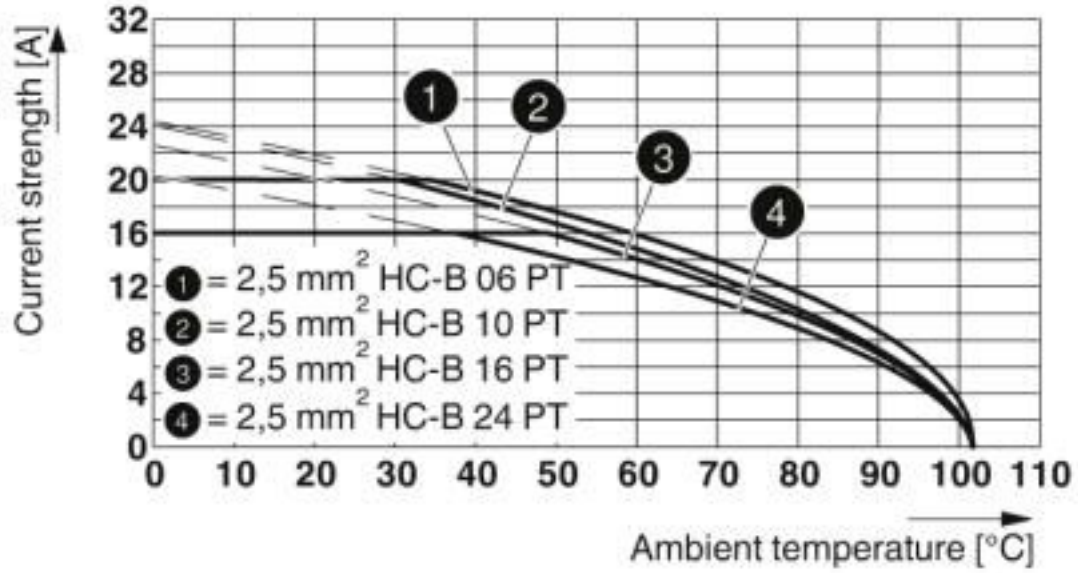# Connector set - HC-EVO-B06PT-BWSC-HL-M20ELC-AL - 1411487

Schematic diagram

Pin assignment, connection side, socket

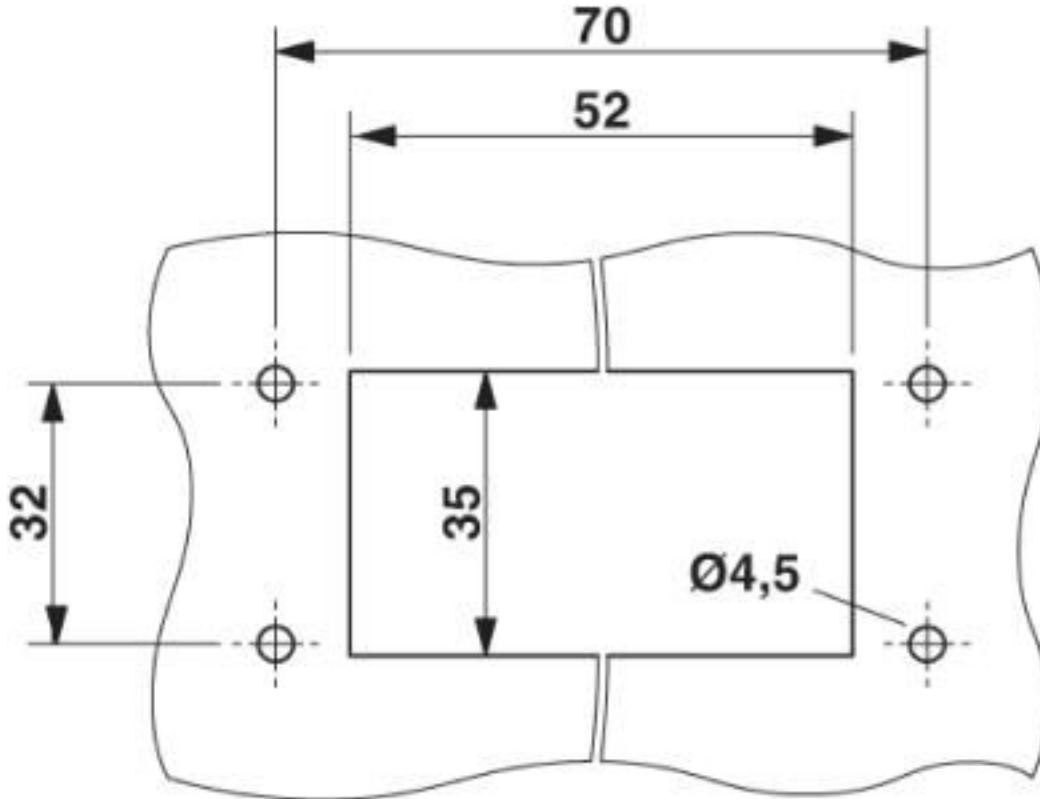# Connector set - HC-EVO-B06PT-BWSC-HL-M20ELC-AL - 1411487

Diagram

Derating diagram

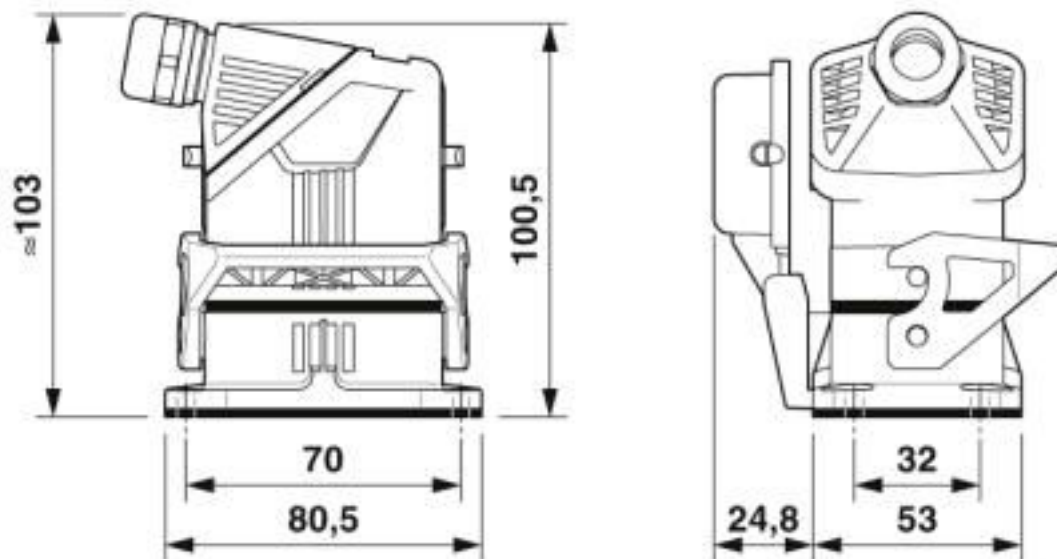# Connector set - HC-EVO-B06PT-BWSC-HL-M20ELC-AL - 1411487

Dimensional drawing

Mounting cutout

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Dimensional drawing

Dimensional drawing

Articles in set

Contact insert - HC-B06-I-PT-F - 1407727

HEAVYCON socket insert, B6 series, 6 + PE-pos., push-in connection

Contact insert - HC-B06-I-PT-M - 1407728

HEAVYCON pin insert, B6 series, 6 + PE-pos., push-in connection

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Articles in set

Housing - HC-EVO-B06-HLFS-EL-AL - 1411448

HEAVYCON EVO sleeve housing, EMC version, without powder coating, with bayonet flange for EVO screw connection, B6, for single locking latch, height: 64 mm, without EVO screw connection.

Housing - HC-STA-B06-BWSC-ELC-AL - 1411319

HEAVYCON B6 panel mounting base, with single locking latch, with plastic protective cover, with flat gasket, salt-water-resistant aluminum, conductive profile gasket.

Cable gland - HC-B-G-M20-EC-AL - 1411439

EVO EMC cable gland with bayonet locking, B series, size M20, cable diameter: 9 ... 13 mm

Classifications

eCl@ss

eCl@ss 10.0.1	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 8.0	27440101
eCl@ss 9.0	27440101

ETIM

ETIM 4.0	EC002641
ETIM 5.0	EC002636

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Classifications

ETIM

ETIM 6.0	EC002636
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 MARITIME	https://approvalfinder.dnvgl.com/	TAE000037S

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

Accessories

Accessories

Device marking

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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-B06-SL-PLBK - 1407697

Replacement single locking latch for HEAVYCON EVO housing type B6, PA

Protective cover

Protective covers - HC-B06-BC-HI-PLBK - 1407692

HEAVYCON EVO hinged protective cover, size B6, for EVO plastic supporting base element, IP65, PA

Seal

Flat gasket - HC-B06-SG-RBK - 1407702

Replacement flat gasket, for HEAVYCON EVO panel mounting base type B6

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Accessories

Profile gasket - HC-B06-SP-RBK - 1407706

Profile gasket for HEAVYCON EVO supporting base element type B6