PHŒNIX CONTACT

Connector set - HC-EVO-B16PT-BWD-HH-M25ELC-AL - 1411489

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

EVO connector set, B16 series, metal housing, consisting of: sleeve housing 1411460, panel mounting base 1411327, EVO screw connection 1411446, pin contact insert 1407732, socket contact insert 1407731

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 932899
GTIN	4046356932899
Weight per Piece (excluding packing)	622.500 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
	lateral
Degree of protection for housing	IP66
	IP67
	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Connection method	Push-in connection
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

PHŒNIX CONTACT

Connector set - HC-EVO-B16PT-BWD-HH-M25ELC-AL - 1411489
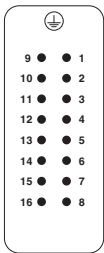
Technical data

Standards and Regulations

Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1

Drawings

Schematic diagram
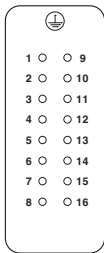
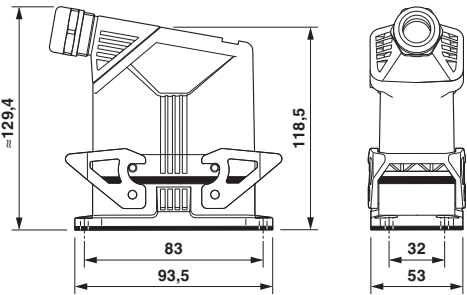Pin assignment, connection side, pin

Schematic diagram

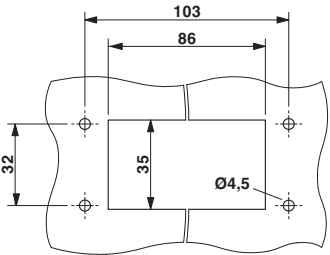Pin assignment, connection side, socket

Diagram
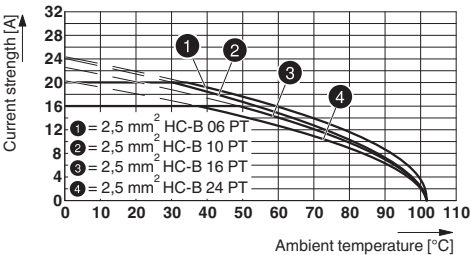
Derating diagram

Dimensional drawing

Dimensional drawing

Dimensional drawing

Mounting cutout

Connector set - HC-EVO-B16PT-BWD-HH-M25ELC-AL - 1411489

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

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

Housing - HC-STA-B16-BWD-ELC-AL - 1411327

HEAVYCON B16 panel mounting base, with double locking latch, with flat gasket, salt-water-resistant aluminum, conductive profile gasket

Housing - HC-EVO-B16-HHFD-EL-AL - 1411460

HEAVYCON EVO sleeve housing, EMC version, without powder coating, with bayonet flange for EVO screw connection, B16, for double locking latch, height: 88 mm, without EVO screw connection.

Classifications

eCl@ss

eCl@ss 5.1	27260700
eCl@ss 6.0	27260700

PHŒNIX CONTACT

Connector set - HC-EVO-B16PT-BWD-HH-M25ELC-AL - 1411489

Classifications

eCl@ss

eCl@ss 7.0	27440101
eCl@ss 8.0	27440101
eCl@ss 9.0	27440101

ETIM

ETIM 4.0	EC002641
ETIM 5.0	EC002636
ETIM 6.0	EC002636

UNSPSC

UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

GL / EAC

Ex Approvals

Approval details

GL	GL	http://exchange.dnv.com/tari/	6196614 HH

EAC	EHC		RU C-DE.AI30.B.01102

Accessories

Accessories

Device marking

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

PHŒNIX CONTACT

Connector set - HC-EVO-B16PT-BWD-HH-M25ELC-AL - 1411489

Accessories

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