

HC-EVO-B16-BWS-PLRBK - Housing



1407646

<https://www.phoenixcontact.com/pc/products/1407646>

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 documentation. Our general terms of use for downloads are valid.



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

Your advantages

- Lower costs than metal version
- Low weight
- Lower risk of condensation

Commercial data

Item number	1407646
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BF7APL
Catalog page	Page 618 (C-2-2019)
GTIN	4046356777094
Weight per piece (including packing)	93 g
Weight per piece (excluding packing)	91.8 g
Customs tariff number	85389099
Country of origin	PL

HC-EVO-B16-BWS-PLRBK - Housing



1407646

<https://www.phoenixcontact.com/pc/products/1407646>

Technical data

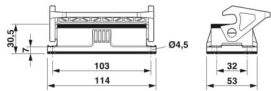
Notes

General	For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K, HV06-I-PR, HV 6-E...C
---------	--

Product properties

Product type	Housing with locking latch
Housing type	Panel mounting base
Product family	HC-EVO-B
Application	Standard
Type	B16
Pg screw connection	none

Dimensions

Dimensional drawing	
Width	53 mm
Height	30.5 mm
Length	114 mm
Drill hole distance, horizontal	103 mm
Drill hole distance, vertical	32 mm
Hole diameter	4.5 mm

Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	86 mm

Material specifications

Flammability rating according to UL 94	V0 (Housing)
	V0 (Interlock)
Seal material	NBR
	NBR
Housing material	PA 6.6-FR
Locking latch material	PA

Mechanical properties

Mechanical data

Locking type	Latch
--------------	-------

Connection data

Tightening torque	0.8 Nm ... 1.2 Nm (For M4 mounting screws on the panel-mount base)
-------------------	--

HC-EVO-B16-BWS-PLRBK - Housing



1407646

<https://www.phoenixcontact.com/pc/products/1407646>

Mounting

Assembly note	Not for D series terminal adapters
	Not for HC-B 24-ADP-B..... adapter plates

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
Enclosure rating (NEMA)	12 (UL 50e)
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 125 °C

HC-EVO-B16-BWS-PLRBK - Housing

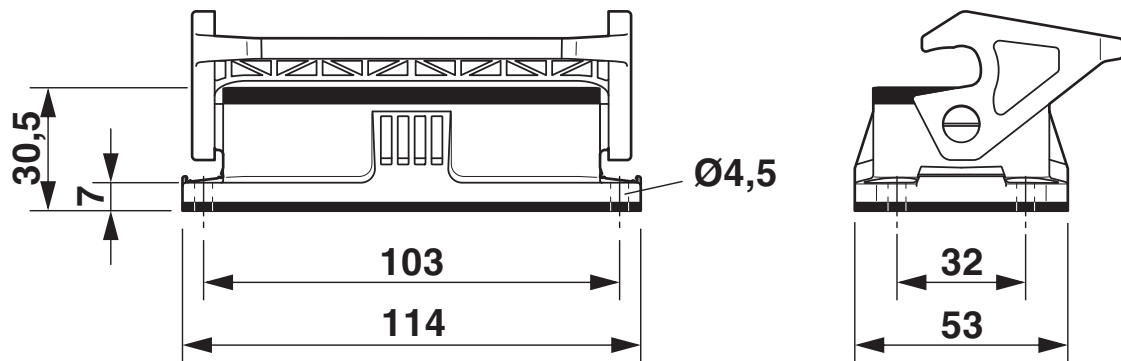
1407646

<https://www.phoenixcontact.com/pc/products/1407646>

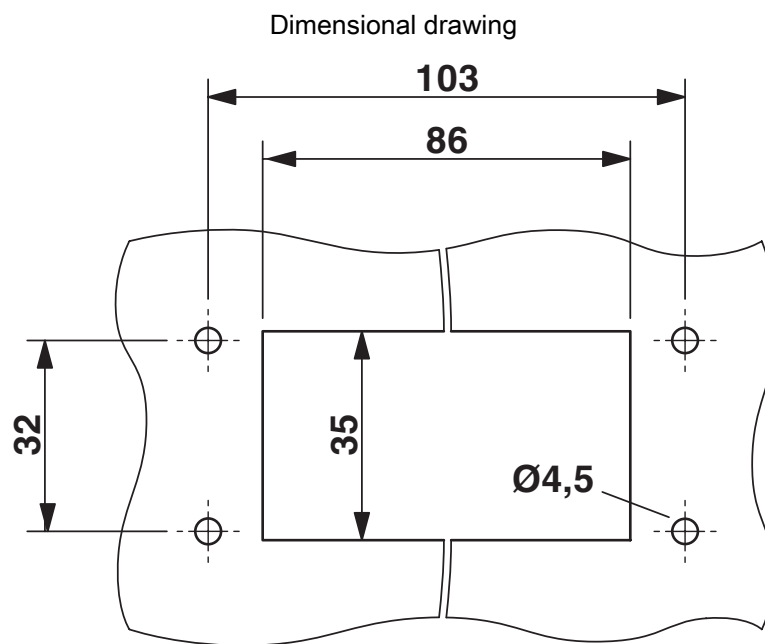


Drawings

Dimensional drawing



Dimensional drawing



Mounting cutout

HC-EVO-B16-BWS-PLRBK - Housing



1407646

<https://www.phoenixcontact.com/pc/products/1407646>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1407646>

DNV

Approval ID: TAE000037S



cUL Recognized

Approval ID: E255026



UL Recognized

Approval ID: E255026



EAC

Approval ID: RU C-DE.AI30.B.01102

cULus Recognized

HC-EVO-B16-BWS-PLRBK - Housing



1407646

<https://www.phoenixcontact.com/pc/products/1407646>

Classifications

ECLASS

ECLASS-11.0	27440202
ECLASS-12.0	27440202
ECLASS-13.0	27440202

ETIM

ETIM 9.0	EC000437
----------	----------

UNSPSC

UNSPSC 21.0	31261500
-------------	----------

HC-EVO-B16-BWS-PLRBK - Housing



1407646

<https://www.phoenixcontact.com/pc/products/1407646>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com