

HC-EVO-B16-SHWSC-2SSM32-PLRBK - Housing



1421364

<https://www.phoenixcontact.com/us/products/1421364>

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.



Surface mounting housing B16, with single locking latch, material: PA 6.6-FR, protective cover material: PC, cable outlets: 2, lateral, 2x M32, height: 84 mm, cable gland: none, protective cover: yes, Standard, including 2x reducing adapter

Your advantages

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

Commercial data

Item number	1421364
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	BF7APL
Catalog page	Page 618 (C-2-2019)
GTIN	4055626264912
Weight per piece (including packing)	251.3 g
Weight per piece (excluding packing)	244 g
Customs tariff number	85389099
Country of origin	PL

HC-EVO-B16-SHWSC-2SSM32-PLRBK - Housing



1421364

<https://www.phoenixcontact.com/us/products/1421364>

Technical data

Notes

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

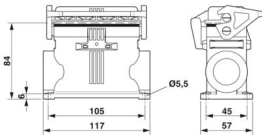
Product properties

Product type	Housing with locking latch
Housing type	Surface mounting housing
Product family	HC-EVO-B
Application	Standard
Type	B16
No. of cable outlets	2
Type of the screw connection	2x M32
Type	Tall design
Protective cover	yes
Cable outlet	lateral
Pg screw connection	none

Data management status

Article revision	03
------------------	----

Dimensions

Dimensional drawing	
Width	57 mm
Height	84 mm
Length	117 mm
Hole diameter	5.5 mm

Material specifications

Flammability rating according to UL 94	V0 (Housing)
	V0 (Interlock)
	V0 (Protective cover)
Seal material	NBR
Housing material	PA 6.6-FR
Material, protective cover	PC
Locking latch material	PA

Mechanical properties

Mechanical data

1421364

<https://www.phoenixcontact.com/us/products/1421364>

Type of the screw connection	2x M32
Locking type	Latch

Connection data

Tightening torque	2 Nm ... 3 Nm (for M5 mounting screws on the surface-mount housing)
-------------------	---

Mounting

Assembly note	Two plastic reductions M40 to M32 are provided
	One of the two openings for the screw connections is sealed but can be broken open using a screwdriver.

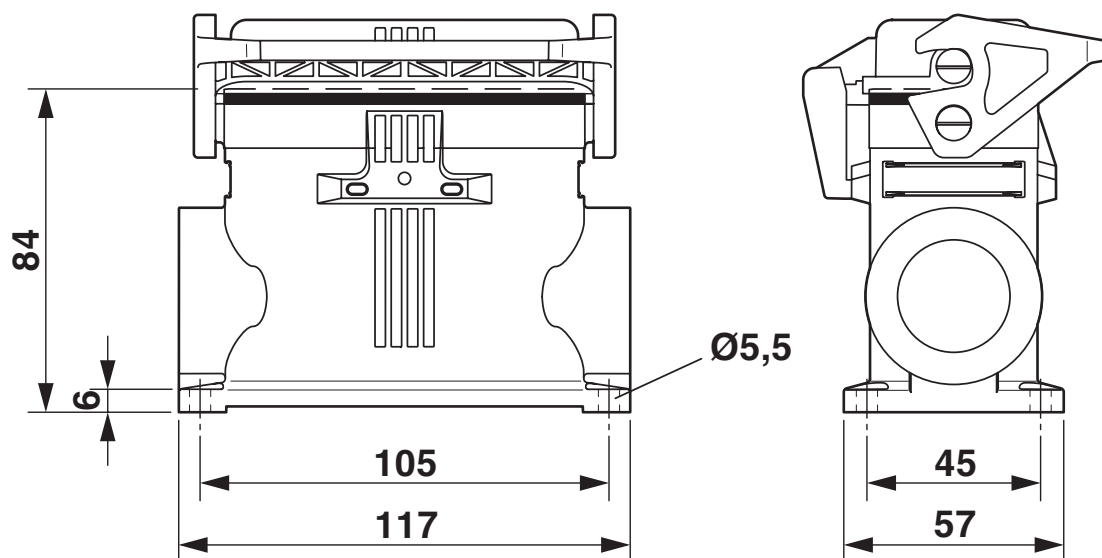
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66 (when plugged in or with locked protective cover)
Enclosure rating (NEMA)	12 (UL 50e)
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 125 °C

Drawings

Dimensional drawing



Dimensional drawing


1421364


<https://www.phoenixcontact.com/us/products/1421364>


Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1421364>

**DNV**
Approval ID: TAE000037S

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

**cUL Recognized**
Approval ID: E255026

**UL Recognized**
Approval ID: E255026

cULus Recognized

HC-EVO-B16-SHWSC-2SSM32-PLRBK - Housing



1421364

<https://www.phoenixcontact.com/us/products/1421364>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

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%
EF3.0 Climate Change	
CO2e kg	2.174 kg CO2e