

HC-EVO-B16-SHWD-2SSM25-PLRBK - Housing



1421455

<https://www.phoenixcontact.com/us/products/1421455>

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.



Box mounting bases B16, with double locking latch, material: PA, cable outlets: 2, lateral, 2x M25, height: 84 mm, cable gland: none, Standard, including 2x reducing adapter

Your advantages

- Flexible cable outlet direction, lateral or straight
- Lower costs than metal version
- Low weight
- Lower risk of condensation

Commercial data

Item number	1421455
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	BF7APL
Catalog page	Page 622 (C-2-2019)
GTIN	4055626265001
Weight per piece (including packing)	216.3 g
Weight per piece (excluding packing)	215 g
Customs tariff number	85389099
Country of origin	PL

HC-EVO-B16-SHWD-2SSM25-PLRBK - Housing



1421455

<https://www.phoenixcontact.com/us/products/1421455>

Technical data

Notes

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

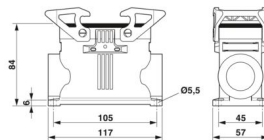
Product properties

Product type	Housing with locking latch
Housing type	Box mounting bases
Product family	HC-EVO-B
Application	Standard
Type	B16
No. of cable outlets	2
Type of the screw connection	2x M25
Type	Tall design
Cable outlet	lateral
Pg screw connection	none

Data management status

Article revision	02
------------------	----

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)
Seal material	NBR
Housing material	PA
Locking latch material	PA

Mechanical properties

Mechanical data

Type of the screw connection	2x M25
Locking type	Latch

HC-EVO-B16-SHWD-2SSM25-PLRBK - Housing



1421455

<https://www.phoenixcontact.com/us/products/1421455>

Connection data

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

Mounting

Thread type	()
Assembly note	Two plastic reductions M40 to M25 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
Enclosure rating (NEMA)	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

HC-EVO-B16-SHWD-2SSM25-PLRBK - Housing

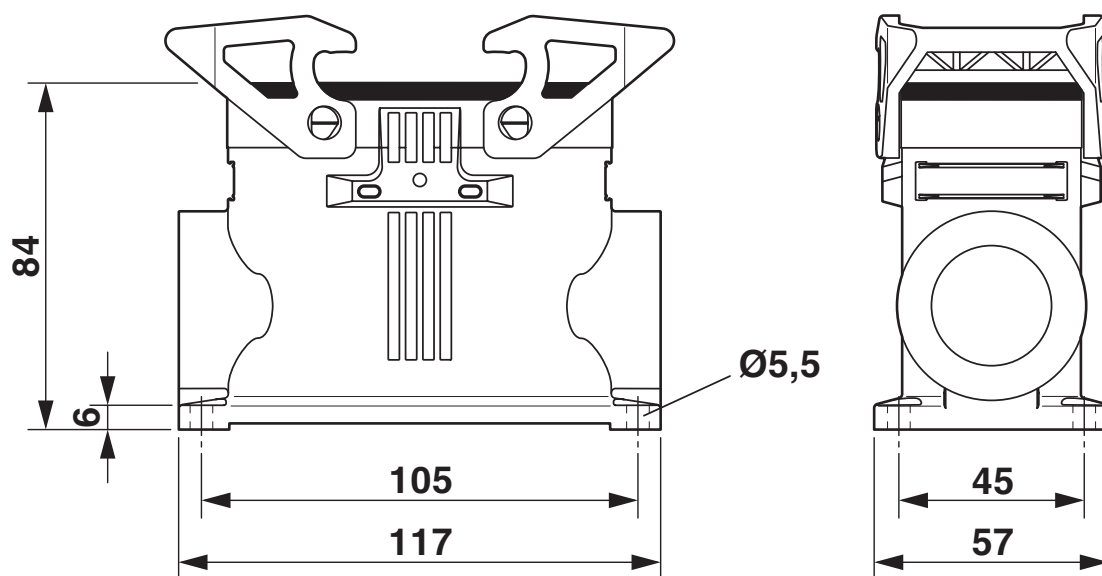
1421455

<https://www.phoenixcontact.com/us/products/1421455>



Drawings

Dimensional drawing



Dimensional drawing

1421455

<https://www.phoenixcontact.com/us/products/1421455>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1421455>

**DNV**
Approval ID: TAE000037S

**cUL Recognized**
Approval ID: E255026

**UL Recognized**
Approval ID: E255026

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

**EAC**
Approval ID: RU C-DE.BL08.B.00511

cULus Recognized

HC-EVO-B16-SHWD-2SSM25-PLRBK - Housing



1421455

<https://www.phoenixcontact.com/us/products/1421455>

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%
-------------------------------------	----------------------------

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com