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

1421366

https://www.phoenixcontact.com/us/products/1421366

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Box mounting bases B16, for double locking latch, material: PA, 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
- Lower costs than metal version
- Low weight
- Lower risk of condensation

Commercial data

Item number	1421366
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	BF7APL
Catalog page	Page 626 (C-2-2019)
GTIN	4055626264936
Weight per piece (including packing)	227.376 g
Weight per piece (excluding packing)	220.106 g
Customs tariff number	85389099
Country of origin	PL

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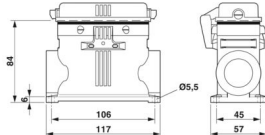https://www.phoenixcontact.com/us/products/1421366

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 M32
Type	Tall design
Protective cover	yes
Cable outlet	lateral
Pg screw connection	none

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 (Protective cover)
Seal material	NBR
Housing material	PA
Material, protective cover	PC

Mechanical properties

Mechanical data

Type of the screw connection	2x M32
Locking type	Pin

Connection data

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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)
	IP54 (with closed protective cover)
Enclosure rating (NEMA)	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

Drawings

Dimensional drawing

84

6

106

117

Ø5,5

45

57
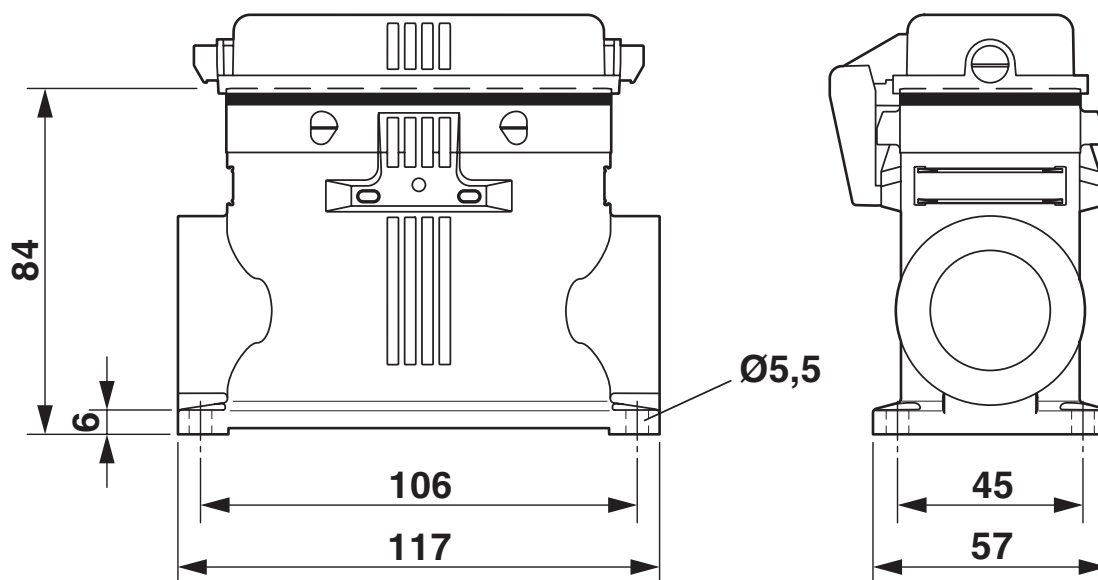
Dimensional drawing

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Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1421366

DNV	
Approval ID: TAE000037S	

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

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

cUL Recognized	
Approval ID: E255026	

UL Recognized	
Approval ID: E255026	

cULus Recognized	

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%

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Accessories

G-INS-M25-M68N-PNES-BK - Cable gland

1411134

https://www.phoenixcontact.com/us/products/1411134

Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: jet black RAL 9005

HC-B16-SP-RBK - Profile gasket

1407708

https://www.phoenixcontact.com/us/products/1407708

Profile gasket for HEAVYCON EVO supporting base element type B16

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US-EMP (20X9) - Snap-in markers

0829439

https://www.phoenixcontact.com/us/products/0829439

Snap-in markers, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, lettering field size: 20 x 9 mm, Number of individual labels: 70

HC-B16-BC-HI-PLBK - Protective cover

1407694

https://www.phoenixcontact.com/us/products/1407694

Protective cover B16, for single locking latch, protective cover material: PC, height: 19 mm, seal: no

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US-EMP (20X9) CUS - Snap-in markers

0830028

https://www.phoenixcontact.com/us/products/0830028

Snap-in markers, can be ordered: by card, white, labeled according to customer specifications, mounting type: snapped into marker carrier, lettering field size: 20 x 9 mm, Number of individual labels: 70

HC-STA-B16-DC-PL - Protective cover

1421102

https://www.phoenixcontact.com/us/products/1421102

Protective cover, design: B16

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