

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



1421455

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

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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

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## Technical data

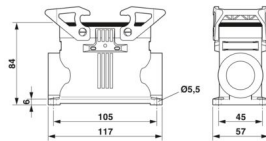
### Notes

General	For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K, HV06-I-PR, HV 6-E...C
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### 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
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 (Interlock)
Seal material	NBR
Housing material	PA
Locking latch material	PA
Impact strength	IK09

### Mechanical properties

#### Mechanical data

Type of the screw connection	2x M25
Locking type	Latch

### Mounting

Assembly instructions	Two plastic reductions M40 to M25 are provided
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	One of the two openings for the screw connections is sealed but can be broken open using a screwdriver.
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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

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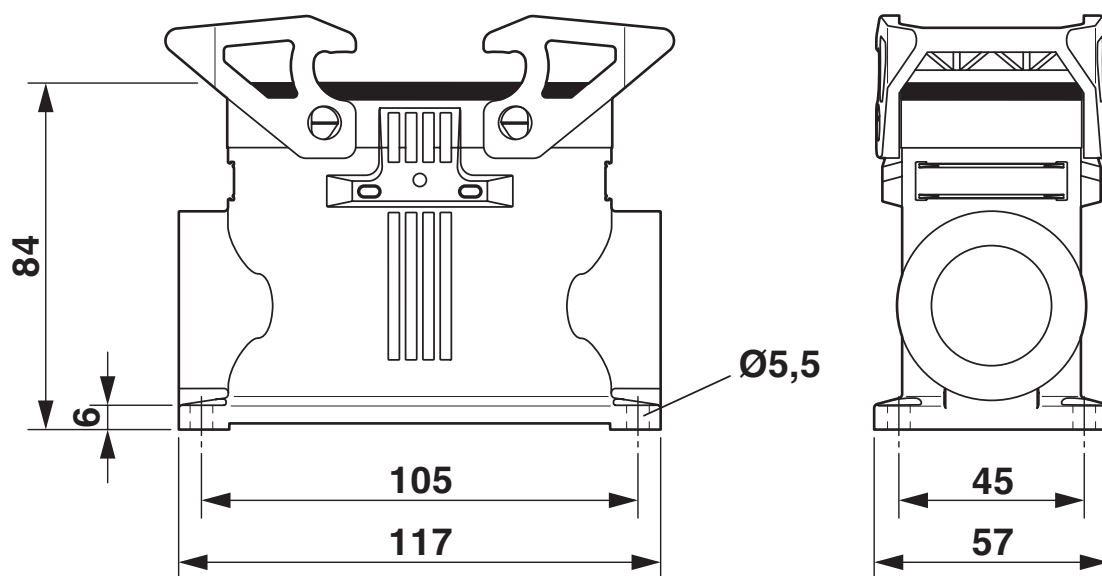
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## Drawings

Dimensional drawing



Dimensional drawing

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**

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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC000437
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### UNSPSC

UNSPSC 21.0	31261500
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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

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### A-INSP-M25-65N-P-BK - Screw plug

1415207

<https://www.phoenixcontact.com/us/products/1415207>



Screw plug, material for screw connection: PA, connecting thread: M25 x 1.5, color: jet black RAL 9005, with O-ring



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## 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



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## HC-B10-24-DL-PLBK - Housing brackets

1407696

<https://www.phoenixcontact.com/us/products/1407696>



Replacement double locking latch for HEAVYCON EVO housing, HC-B10/HC-B16/HC-B24, PA

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## 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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## HC-B16-BCFD-P-BK - Protective cover

1346539

<https://www.phoenixcontact.com/us/products/1346539>

Protective cover B16, for double locking latch, protective cover material: PC, height: 26.4 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



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

1421102

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

Protective cover, design: B16



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