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

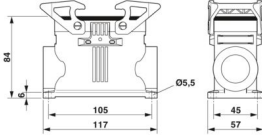|	
Item number	1421455
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	BF7APL
Catalog page	Page 622 (C-2-2019)
GTIN	4055626265001
Weight per piece (including packing)	216.3 g
Weight per piece (excluding packing)	215 g
Customs tariff number	85389099
Country of origin	PL

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

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

Connection data

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

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

Mounting

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

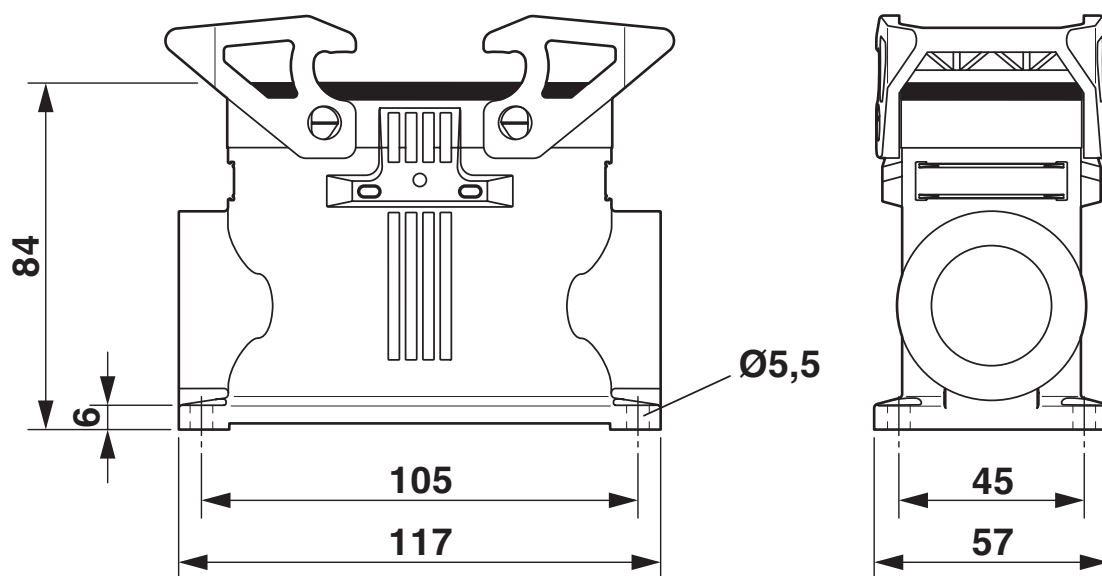| Degree of protection	IP66
Enclosure rating (NEMA)	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

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

1421455

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

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%

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

1421455

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

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

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

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

1421455

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

HC-B16-SP-RBK - Profile gasket

1407708

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

Profile gasket for HEAVYCON EVO supporting base element type B16

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

1421455

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

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

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

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

1421455

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

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

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

1421455

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

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

1421102

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

Protective cover, design: B16

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