

HC-EVO-B16-HLWD-PLBK - Housing



1420933

<https://www.phoenixcontact.com/us/products/1420933>

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.



Sleeve housing B16, with double locking latch, material: PA, cable outlets: 1, straight/lateral, height: 63 mm, cable gland: none, Standard

Your advantages

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

Commercial data

Item number	1420933
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	BF7APL
Catalog page	Page 626 (C-2-2019)
GTIN	4055626249322
Weight per piece (including packing)	113.9 g
Weight per piece (excluding packing)	111.21 g
Customs tariff number	85389099
Country of origin	PL

HC-EVO-B16-HLWD-PLBK - Housing



1420933

<https://www.phoenixcontact.com/us/products/1420933>

Technical data

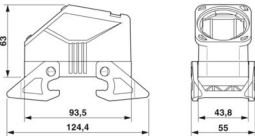
Notes

General	For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K
---------	---

Product properties

Product type	Housing with locking latch
Housing type	Sleeve housing
Product family	HC-EVO-B
Application	Standard
Type	B16
No. of cable outlets	1
Type	Low design
Shielded	no
Cable outlet	straight
Pg screw connection	none

Dimensions

Dimensional drawing	
Width	43.8 mm
Height	63 mm
Length	93.5 mm

Material specifications

Flammability rating according to UL 94	V0 (Housing) V0 (Interlock)
Housing material	PA
Locking latch material	PA

Mechanical properties

Mechanical data

Locking type	Latch
--------------	-------

Mounting

Assembly note	The sleeve base housing must be supplemented with the EVO screw connection. The EVO screw connection is available in four sizes. It facilitates the creation of a straight or a side cable outlet. The EVO screw connection is mounted with the aid of, for example, a pipe wrench
---------------	--

HC-EVO-B16-HLWD-PLBK - Housing



1420933

<https://www.phoenixcontact.com/us/products/1420933>

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-HLWD-PLBK - Housing

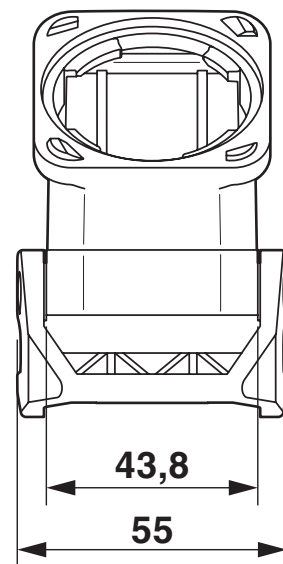
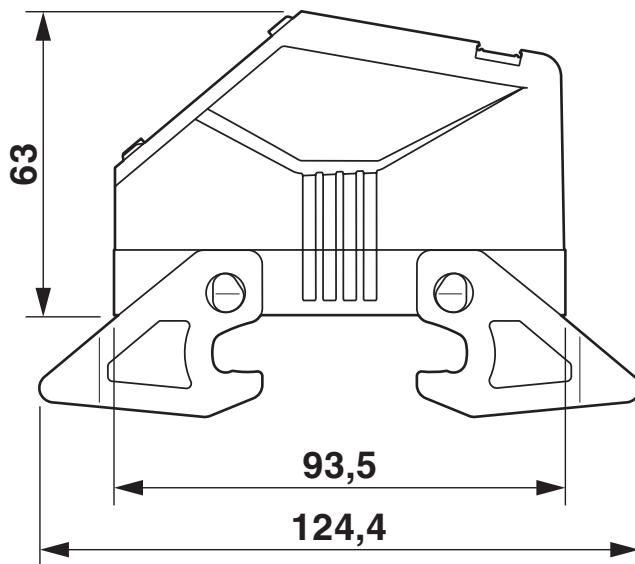
1420933

<https://www.phoenixcontact.com/us/products/1420933>



Drawings

Dimensional drawing



Dimensional drawing

HC-EVO-B16-HLWD-PLBK - Housing



1420933

<https://www.phoenixcontact.com/us/products/1420933>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420933>

**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-HLWD-PLBK - Housing



1420933

<https://www.phoenixcontact.com/us/products/1420933>

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-HLWD-PLBK - Housing



1420933

<https://www.phoenixcontact.com/us/products/1420933>

Accessories

HC-B-G-M20-PLRBK - Cable gland

1407669

<https://www.phoenixcontact.com/us/products/1407669>



EVO plastic cable gland with bayonet locking, for housing series B, size M20, cable diameter: 7 mm ... 13 mm

HC-B-G-M25-PLRBK - Cable gland

1407670

<https://www.phoenixcontact.com/us/products/1407670>



EVO plastic cable gland with bayonet locking, for housing series B, size M25, cable diameter: 9 mm ... 17 mm

HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-G-M32-PLRBK - Cable gland

1407671

<https://www.phoenixcontact.com/us/products/1407671>



EVO plastic cable gland with bayonet locking, for housing series B, size M32, cable diameter: 11 mm ... 21 mm

HC-B-G-M40-PLRBK - Cable gland

1407672

<https://www.phoenixcontact.com/us/products/1407672>



EVO plastic cable gland with bayonet locking, for housing series B, size M40, cable diameter: 19 ... 28 mm

HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



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-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-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B16-HCFD-PR-BK - Protective cover

1346543

<https://www.phoenixcontact.com/us/products/1346543>

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



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-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-G-MULTI01-PLBK - Cable gland

1345613

<https://www.phoenixcontact.com/us/products/1345613>



EVO plastic cable gland with bayonet lock, for housing series B, cable diameter 6 x 6 mm ... 10 mm

HC-B-G-MULTI02-PLBK - Cable gland

1345614

<https://www.phoenixcontact.com/us/products/1345614>



EVO plastic cable gland with bayonet lock, for housing series B, cable diameter 3 x 3 mm ... 6 mm, 3 x 10 mm ... 14 mm

HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-G-MULTI03-PLBK - Cable gland

1345618

<https://www.phoenixcontact.com/us/products/1345618>



EVO plastic cable gland with bayonet lock, for housing series B, cable diameter
2 x 3 mm ... 6 mm, 2 x 6 mm ... 9 mm, 2 x 10 mm ... 15 mm

HC-B-TA-M40-PLR-BK - Adapter

1414246

<https://www.phoenixcontact.com/us/products/1414246>



Plastic thread adapter with bayonet lock, for EVO housing series B, M40 thread

HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-TA-M32-PLR-BK - Adapter

1414245

<https://www.phoenixcontact.com/us/products/1414245>

Plastic thread adapter with bayonet lock, for EVO housing series B, M32 thread



HC-B-TA-M25-PLR-BK - Adapter

1414244

<https://www.phoenixcontact.com/us/products/1414244>

Plastic thread adapter with bayonet lock, for EVO housing series B, M25 thread



HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-TA-M20-PLR-BK - Adapter

1414243

<https://www.phoenixcontact.com/us/products/1414243>



Plastic thread adapter with bayonet lock, for EVO housing series B, M20 thread

HC-B-TA-PG29-PLR-BK - Adapter

1414250

<https://www.phoenixcontact.com/us/products/1414250>



Plastic thread adapter with bayonet lock, for EVO housing series B, Pg29 thread

HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-TA-PG21-PLR-BK - Adapter

1414249

<https://www.phoenixcontact.com/us/products/1414249>

Plastic thread adapter with bayonet lock, for EVO housing series B, Pg21 thread



HC-B-TA-PG16-PLR-BK - Adapter

1414248

<https://www.phoenixcontact.com/us/products/1414248>

Plastic thread adapter with bayonet lock, for EVO housing series B, Pg16 thread



HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-TA-PG13-PLR-BK - Adapter

1414247

<https://www.phoenixcontact.com/us/products/1414247>



Plastic thread adapter with bayonet lock, for EVO housing series B, Pg13.5 thread

HC-B-TA-NPT-1 1/4-PLR-BK - Adapter

1414254

<https://www.phoenixcontact.com/us/products/1414254>



Plastic thread adapter with bayonet lock, for EVO housing series B, NPT 1 1/4" thread

HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-TA-NPT-1/1-PLR-BK - Adapter

1414253

<https://www.phoenixcontact.com/us/products/1414253>



Plastic thread adapter with bayonet lock, for EVO housing series B, NPT 1/1" thread

HC-B-TA-NPT-3/4-PLR-BK - Adapter

1414252

<https://www.phoenixcontact.com/us/products/1414252>



Plastic thread adapter with bayonet lock, for EVO housing series B, NPT 3/4" thread

HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-TA-NPT-1/2-PLR-BK - Adapter

1414251

<https://www.phoenixcontact.com/us/products/1414251>



Plastic thread adapter with bayonet lock, for EVO housing series B, NPT 1/2" thread

HC-B-GB-M32-PLRBK - Cable gland

1414662

<https://www.phoenixcontact.com/us/products/1414662>



Set consisting of: EVO plastic adapter 1414245 and plastic screw connection with bending armor rod 1415181, M32

HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-GB-M25-PLRBK - Cable gland

1414661

<https://www.phoenixcontact.com/us/products/1414661>

Set consisting of: EVO plastic adapter 1414244 and plastic screw connection with bending armor rod 1415180, M25



HC-B-GB-M20-PLRBK - Cable gland

1414660

<https://www.phoenixcontact.com/us/products/1414660>

Set consisting of: EVO plastic adapter 1414243 and plastic screw connection with bending armor rod 1415179, M20



HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-GTRS-M32-PLRBK - Cable gland

1414654

<https://www.phoenixcontact.com/us/products/1414654>

Set consisting of: EVO plastic adapter 1414245 and plastic screw connection with terminal block 1415191, M32



HC-B-GTRS-M25-PLRBK - Cable gland

1414652

<https://www.phoenixcontact.com/us/products/1414652>

Set consisting of: EVO plastic adapter 1414244 and plastic screw connection with terminal block 1415190, M25



HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-GTRS-M20-PLRBK - Cable gland

1414651

<https://www.phoenixcontact.com/us/products/1414651>

Set consisting of: EVO plastic adapter 1414243 and plastic screw connection with terminal block 1415189, M20



HC-B-GM8X6,5-M40-PLTBK - Cable gland

1414646

<https://www.phoenixcontact.com/us/products/1414646>

EVO plastic cable gland with bayonet locking; size M40, for 8 conductors with 6.5 mm cable diameter



HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-GM5X8,5-M40-PLTBK - Cable gland

1414645

<https://www.phoenixcontact.com/us/products/1414645>



EVO plastic cable gland with bayonet locking; size M40, for 5 conductors with 8.5 mm cable diameter

HC-B-GM4X10-M40-PLTBK - Cable gland

1414644

<https://www.phoenixcontact.com/us/products/1414644>



EVO plastic cable gland with bayonet locking; size M40, for 4 conductors with 10 mm cable diameter

HC-EVO-B16-HLWD-PLBK - Housing

1420933

<https://www.phoenixcontact.com/us/products/1420933>



HC-B-GM0-M40-PLTBK - Cable gland

1414643

<https://www.phoenixcontact.com/us/products/1414643>

EVO plastic cable gland with bayonet locking; size M40, with filler plug



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