

# HC-EVO-B16-HLWD-PLBK - Housing

1420933

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



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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

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## Technical data

### Notes

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

# HC-EVO-B16-HLWD-PLBK - Housing

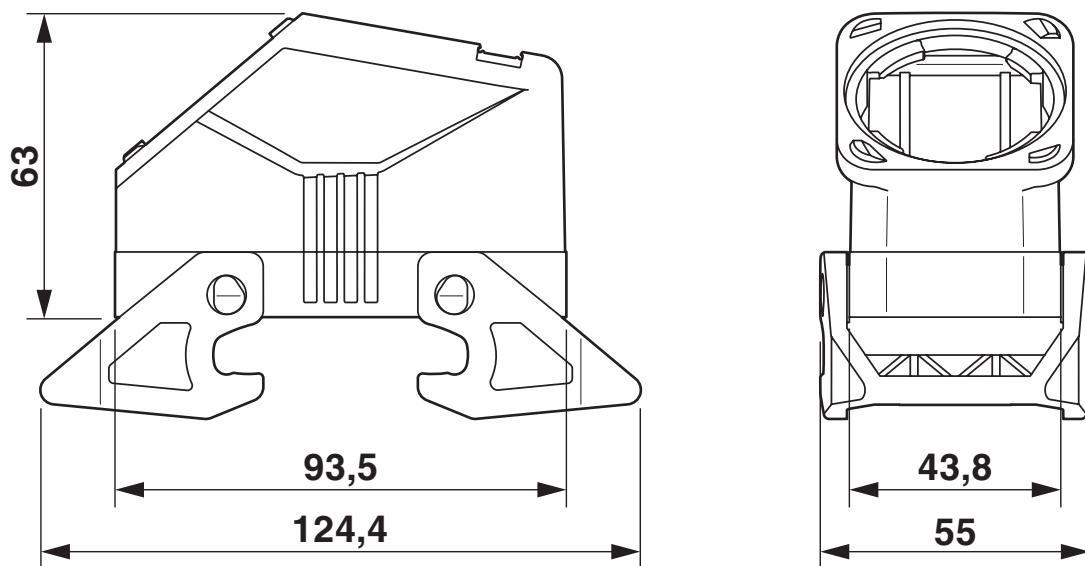
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## Drawings

Dimensional drawing



Dimensional drawing

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## 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**

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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
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### 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

### 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



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### 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



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## 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

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## 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

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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-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



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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-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



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## 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



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## 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



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## 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



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## 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



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## 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



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## 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



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## 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



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## 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

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## 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

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# HC-EVO-B16-HLWD-PLBK - Housing

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## 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



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## 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



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## 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



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## 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



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## 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



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## 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



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## 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



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## 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



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## 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



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