# HC-EVO-B16-CHWD-PLRBK - Housing

1407655

https://www.phoenixcontact.com/us/products/1407655

Coupling housings B16, with double locking latch, material: PA, cable outlets: 1, straight/lateral, height: 84 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

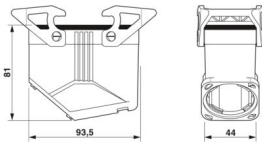| | |
|---|---|
| Item number | 1407655 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF57 |
| Product key | BF7APL |
| Catalog page | Page 622 (C-2-2019) |
| GTIN | 4046356777186 |
| Weight per piece (including packing) | 132.6 g |
| Weight per piece (excluding packing) | 128.3 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 |

### Product properties

| | |
|---|---|
| Product type | Housing with locking latch |
| Housing type | Coupling housings |
| Product family | HC-EVO-B |
| Application | Standard |
| Type | B16 |
| No. of cable outlets | 1 |
| Type | Tall design |
| Cable outlet | straight |
| Pg screw connection | none |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 44 mm |
| Height | 84 mm |
| Length | 117 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 | |
|---|---|
| Locking type | Latch |

### Mounting

| | |
|---|---|
| Assembly note | The coupling housing must be supplemented with the EVO screw connection. The EVO screw connection is available in four sizes. The EVO screw connection is mounted with the aid of a pipe wrench, for example. |

## Environmental and real-life conditions

### Ambient conditions

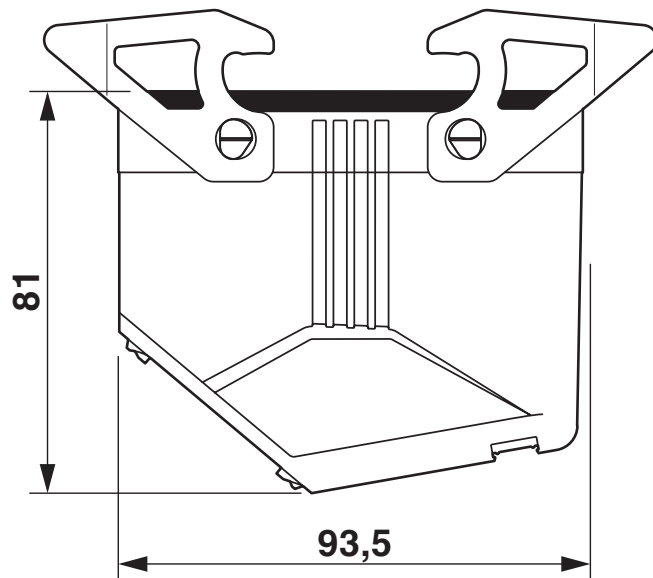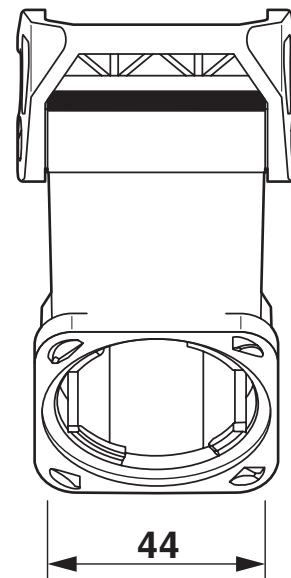| | |
|---|---|
| Degree of protection | IP66 |
| Enclosure rating (NEMA) | 12 (UL 50e) |
| Impact strength | IK09 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

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## Drawings

Dimensional drawing



81

93,5

44

Dimensional drawing

1407655

https://www.phoenixcontact.com/us/products/1407655

## Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1407655

**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-CHWD-PLRBK - Housing

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## 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

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

### 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-CHWD-PLRBK - Housing

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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

## 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-CHWD-PLRBK - Housing

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https://www.phoenixcontact.com/us/products/1407655

## 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-SP-RBK - Profile gasket

1407708

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

Profile gasket for HEAVYCON EVO supporting base element type B16

# HC-EVO-B16-CHWD-PLRBK - Housing

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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

## 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-CHWD-PLRBK - Housing

1407655

https://www.phoenixcontact.com/us/products/1407655

## 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

# HC-EVO-B16-CHWD-PLRBK - Housing

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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

# HC-EVO-B16-CHWD-PLRBK - Housing

1407655

https://www.phoenixcontact.com/us/products/1407655

## 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-CHWD-PLRBK - Housing

1407655

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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

# HC-EVO-B16-CHWD-PLRBK - Housing

1407655

https://www.phoenixcontact.com/us/products/1407655

## 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-CHWD-PLRBK - Housing

1407655

https://www.phoenixcontact.com/us/products/1407655

## 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-CHWD-PLRBK - Housing

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https://www.phoenixcontact.com/us/products/1407655

## 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-CHWD-PLRBK - Housing

1407655

https://www.phoenixcontact.com/us/products/1407655

## 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-CHWD-PLRBK - Housing

1407655

https://www.phoenixcontact.com/us/products/1407655

## 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-CHWD-PLRBK - Housing

1407655

https://www.phoenixcontact.com/us/products/1407655

## 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-CHWD-PLRBK - Housing

1407655

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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

## 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-CHWD-PLRBK - Housing

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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

## 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-CHWD-PLRBK - Housing

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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

# HC-EVO-B16-CHWD-PLRBK - Housing

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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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