

HC-EVO-B10-HHFD-PLBK - Housing



1407629

<https://www.phoenixcontact.com/us/products/1407629>

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HEAVYCON EVO sleeve housing, plastic, with bayonet flange for EVO screw connection, B10, for double locking latch, height: 87.5 mm, without EVO screw connection

Your advantages

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

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1407629 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF57 |
| Product key | BF7APL |
| Catalog page | Page 608 (C-2-2019) |
| GTIN | 4046356776912 |
| Weight per piece (including packing) | 92.2 g |
| Weight per piece (excluding packing) | 92.3 g |
| Customs tariff number | 85389099 |
| Country of origin | PL |

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Technical data

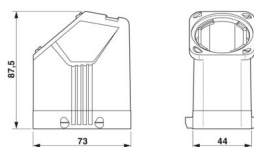
Notes

| | |
|---------|--|
| General | For contact inserts HC-B10, BB18, DD42, M, K8/24, HV03-I-PT, HC- 3-E...C |
|---------|--|

Product properties

| | |
|----------------------|----------------------------|
| Product type | Housing with locking latch |
| Housing type | Sleeve housing |
| Product family | HC-EVO-B |
| Application | Standard |
| Type | B10 |
| No. of cable outlets | 1 |
| Type | Tall design |
| Cable outlet | straight |
| Pg screw connection | none |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 44 mm |
| Height | 87.5 mm |
| Length | 73 mm |

Material specifications

| | |
|--|--------------|
| Flammability rating according to UL 94 | V0 (Housing) |
| Housing material | PA |

Mechanical properties

Mechanical data

| | |
|--------------|-----|
| Locking type | Pin |
|--------------|-----|

Mounting

| | |
|---------------|--|
| Assembly note | The sleeve base housing must be supplemented with the EVO screw connection. The EVO screw connection is available in 4 sizes. It enables the creation of a straight or a lateral cable outlet. The EVO screw connection is assembled by hand or using a pipe wrench. |
|---------------|--|

Environmental and real-life conditions

Ambient conditions

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

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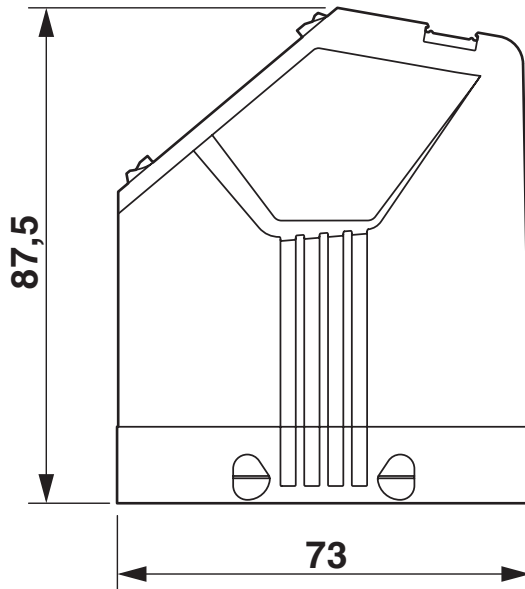
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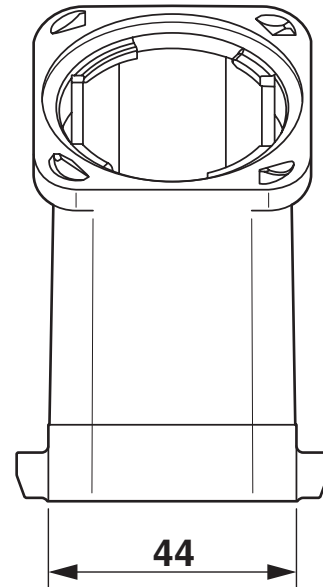


Drawings

Dimensional drawing



Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1407629>

**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 |
|----------|----------|

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

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

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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

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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

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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

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

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HC-B10-HCWD-PLR-BK - Protective cover

1346530

<https://www.phoenixcontact.com/us/products/1346530>

Protective cover B10, with double locking latch, protective cover material: PC, height: 26.3 mm, seal: yes



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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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-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



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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-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

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

1414246

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

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

1414245

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

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

1414244

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



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

1414243

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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



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

1414249

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



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

1414248

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



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

1414247

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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

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

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

1414253

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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

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

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

1414251

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

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

1414662

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



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

1414661

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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



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

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



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

1414651

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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

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

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

1414645

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

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

1414644

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

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

1414643

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

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