

HC-EVO-B24-HLFD-PLBK - Housing



1420935

<https://www.phoenixcontact.com/us/products/1420935>

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Sleeve housing B24, for 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	1420935
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	BF7APL
Catalog page	Page 636 (C-2-2019)
GTIN	4055626249346
Weight per piece (including packing)	110.6 g
Weight per piece (excluding packing)	110 g
Customs tariff number	85389099
Country of origin	PL

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Technical data

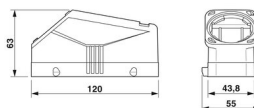
Notes

General	for contact inserts HC-B24, BB46, D64, DD108, M, K, HV10
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Product properties

Type	B24
Product type	Housing with locking latch
Application	Standard
No. of cable outlets	1
Housing type	Sleeve housing
Shielded	no
Cable outlet	straight
Pg screw connection	none

Dimensions

Dimensional drawing	
Width	43.8 mm
Height	63 mm
Length	120 mm

Material specifications

Flammability rating according to UL 94	V0 (Housing)
Impact strength	IK09
Housing material	PA

Mechanical properties

Mechanical data

Locking type	Pin
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Mounting

Assembly instructions	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.
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Environmental and real-life conditions

Ambient conditions

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

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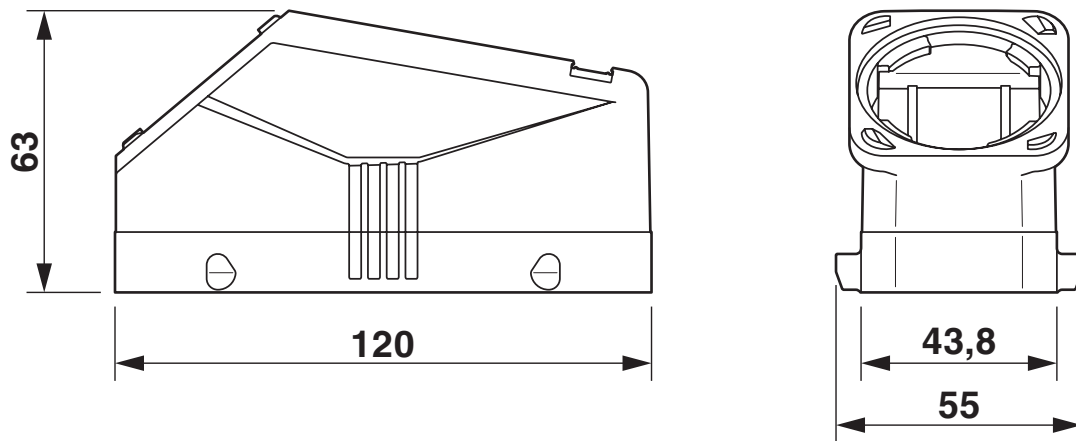
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Drawings

Dimensional drawing



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420935>

**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 8.0	EC000437
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UNSPSC

UNSPSC 21.0	31261500
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

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

1407669

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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

<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

HC-B24-HCWD-PLR-BK - Protective cover

1346552

<https://www.phoenixcontact.com/us/products/1346552>



Protective cover B24, with double locking latch, protective cover material: PC, height: 25.4 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



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



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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



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



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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

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

1414250

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

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

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



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

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



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

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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

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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

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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

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

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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

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

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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



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

1414660

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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

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



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



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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



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



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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

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

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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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