HC-EVO-B24-HLFD-PLBK - Housing

1420935

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

PHŒNIX CONTACT

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 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

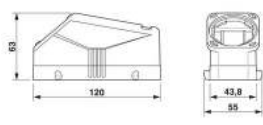# HC-EVO-B24-HLFD-PLBK - Housing

1420935

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

Technical data

Notes

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

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

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.

Environmental and real-life conditions

Ambient conditions
Degree of protection	IP66

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

HC-EVO-B24-HLFD-PLBK - Housing

1420935

https://www.phoenixcontact.com/us/products/1420935
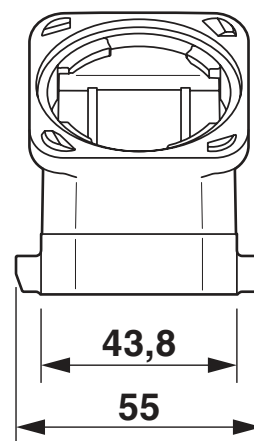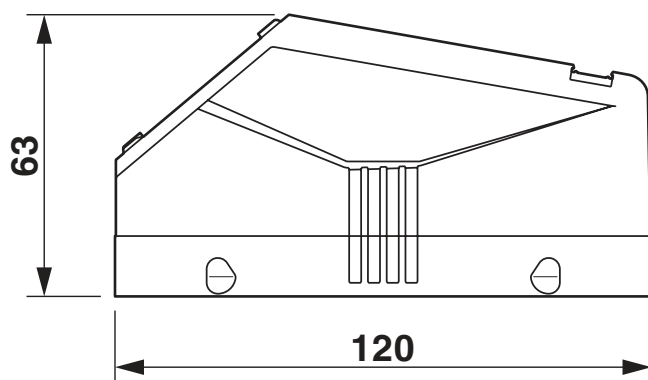
Drawings

Dimensional drawing

Dimensional drawing

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

HC-EVO-B24-HLFD-PLBK - Housing

Classifications

ECLASS

ECLASS-11.0	27440202
ECLASS-12.0	27440202
ECLASS-13.0	27440202

ETIM

ETIM 8.0	EC000437

UNSPSC

UNSPSC 21.0	31261500

HC-EVO-B24-HLFD-PLBK - Housing

1420935

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

Environmental product compliance

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

HC-EVO-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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

HC-EVO-B24-HLFD-PLBK - Housing

1420935

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

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

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

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

HC-EVO-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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-B24-HLFD-PLBK - Housing

1420935

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

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