

# HC-ADV-B16-HLWH-1STM25-MF-BK - Housing



1420920

<https://www.phoenixcontact.com/us/products/1420920>

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Sleeve housing B16, with screw locking, material: Die-cast aluminum, salt water resistant, cable outlets: 1, lateral, 1x M25, height: 74 mm, cable gland: none, increased environmental requirements

## Commercial data

Item number	1420920
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF58
Product key	BF7API
Catalog page	Page 617 (C-2-2019)
GTIN	4055626249193
Weight per piece (including packing)	279 g
Weight per piece (excluding packing)	279 g
Customs tariff number	85389099
Country of origin	CN



## 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 screw locking
Housing type	Sleeve housing
Product family	HC-ADV
Application	increased environmental requirements
Type	B16
No. of cable outlets	1
Type of the screw connection	1x M25
Type	Low design
Fixing screws	M6 (screw head: 5 mm Allen screw)
Shielded	no
Cable outlet	lateral
Pg screw connection	none

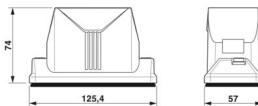
### Data management status

Article revision	01
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### Connection data

Tightening torque	3 Nm ... 5 Nm (for M6 mounting screws on the sleeve housing)
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### Dimensions

Dimensional drawing	
Width	57 mm
Height	74 mm
Length	125.5 mm

### Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	86 mm

### Material specifications

Seal material	Viton
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	Powder-coated, black
Locking latch material	Stainless steel



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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66
	IP68 (0.2 bar/24 h)
	IP69 (ISO 20653:2013-02)
Enclosure rating (NEMA)	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

## Mechanical properties

### Mechanical data

Type of the screw connection	1x M25
Locking type	Screw

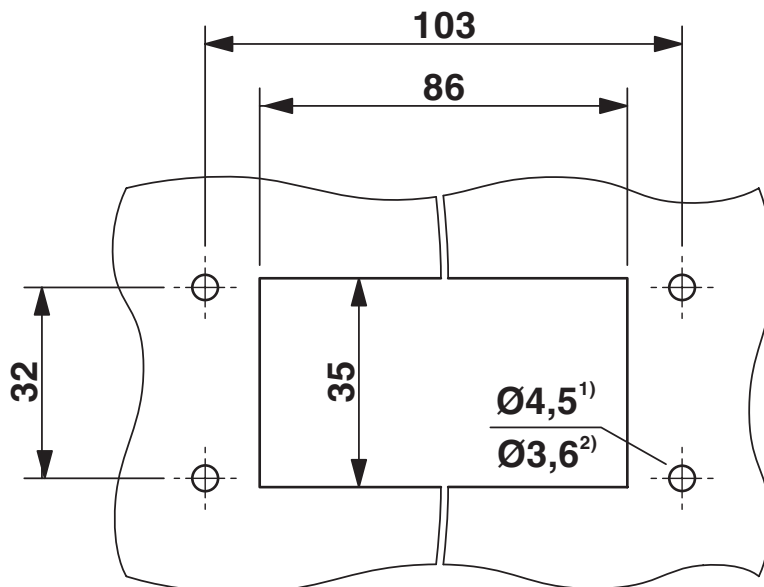
## Mounting

Fixing screws	M6 (screw head: 5 mm Allen screw)
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## Drawings

Dimensional drawing

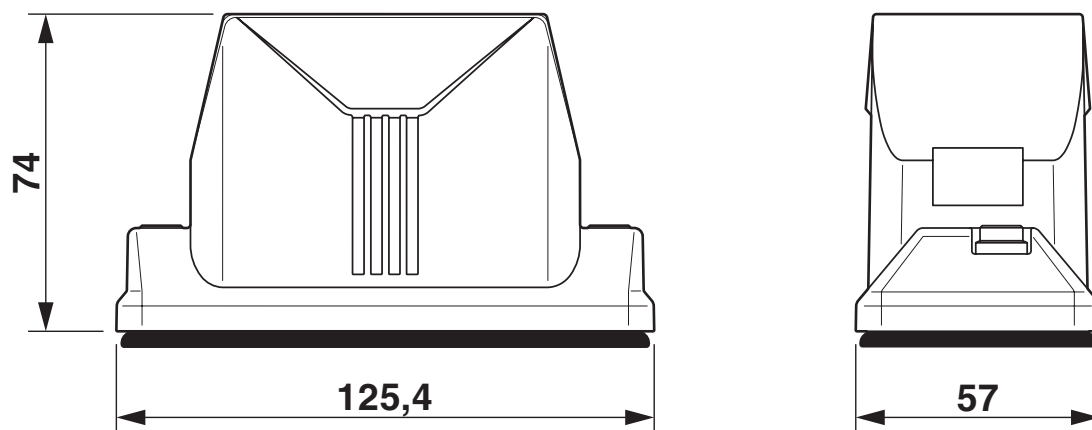


### Mounting cutout

1) when M4 screws are used

2) when self-tapping Torx® screws are used (Torx® 20, M4)

Dimensional drawing



Dimensional drawing





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Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1420920>

**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
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%