

# HC-STA-B16-SHWS-2SSM25-ELC-AL - Housing



1082586

<https://www.phoenixcontact.com/us/products/1082586>

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Surface mounting housing B16, with single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 2, lateral, 2x M25, height: 84.7 mm, cable gland: none, Standard

## Your advantages

- Good shielding in the event of electromagnetic interference

## Commercial data

Item number	1082586
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF56
Product key	BF7APB
Catalog page	Page 619 (C-2-2019)
GTIN	4055626816234
Weight per piece (including packing)	398.3 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85389099
Country of origin	CN

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## 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 locking latch
Housing type	Surface mounting housing
Application	Standard
Type	B16
No. of cable outlets	2
Type of the screw connection	2x M25
Type	Tall design
Cable outlet	lateral
Pg screw connection	none

### Dimensions

Dimensional drawing	
Width	57 mm
Height	84.7 mm
Length	117.5 mm
Hole diameter	5.5 mm

### Material specifications

Flammability rating according to UL 94	V0 (Interlock)
Seal material	NBR, conductive
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	uncoated
Locking latch material	PA

### Mechanical properties

Mechanical data	
Type of the screw connection	2x M25
Locking type	Latch

### Connection data

Tightening torque	2 Nm ... 3 Nm (for M5 mounting screws on the surface-mount housing)
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### Mounting

Assembly note	One opening is sealed with a plastic filler plug and can be opened using a screwdriver.
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## Environmental and real-life conditions

### Ambient conditions

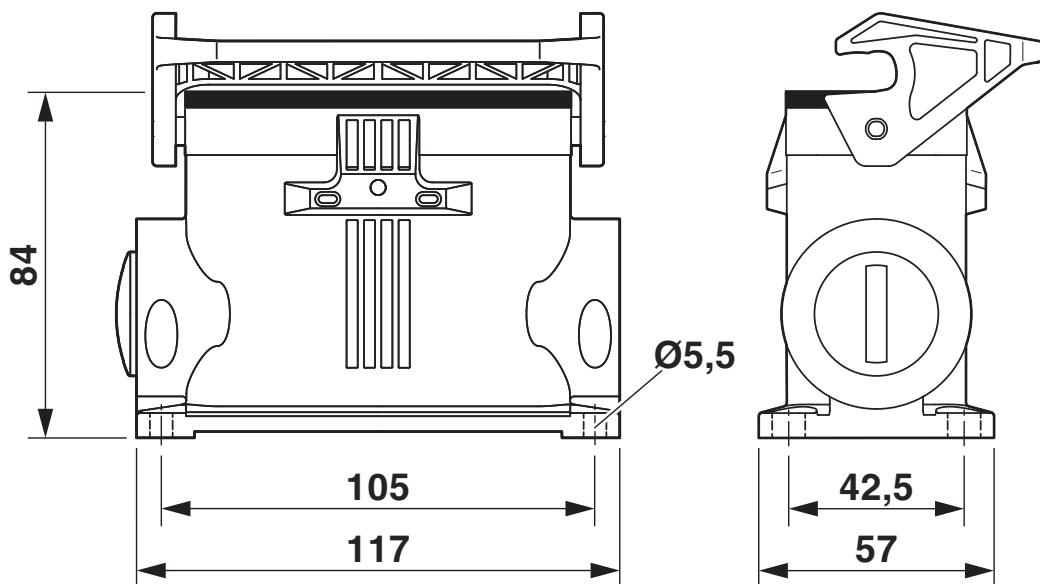
Degree of protection	IP66
Enclosure rating (NEMA)	IP67
	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 125 °C

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## Drawings

Dimensional drawing



Dimensional drawing

## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1082586>

**DNV**

Approval ID: TAE000037S



**cUL Recognized**

Approval ID: E255026



**UL Recognized**

Approval ID: E255026

**cULus Recognized**

## 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
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### 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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