

HC-EVO-B10-SHWS-2SSM25-PLRBK - Housing



1421277

<https://www.phoenixcontact.com/us/products/1421277>

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Surface mounting housing B10, with single locking latch, material: PA 6.6-FR, cable outlets: 2, lateral, 2x M25, height: 74 mm, cable gland: none, Standard, including 2x reducing adapter

Your advantages

- Lower costs than metal version
- Low weight
- Lower risk of condensation

Commercial data

Item number	1421277
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	AF7APL
GTIN	4055626264806
Weight per piece (including packing)	163.9 g
Weight per piece (excluding packing)	160.112 g
Customs tariff number	85389099
Country of origin	PL

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Technical data

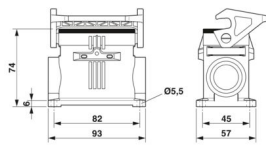
Notes

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

Product type	Housing with locking latch
Housing type	Surface mounting housing
Product family	HC-EVO-B
Application	Standard
Type	B10
No. of cable outlets	2
Type of the screw connection	2x M25
Cable outlet	lateral
Pg screw connection	none

Dimensions

Dimensional drawing	
Width	57 mm
Height	74 mm
Length	93 mm
Hole diameter	5.5 mm

Material specifications

Flammability rating according to UL 94	V0 (Housing) V0 (Interlock)
Seal material	NBR
Housing material	PA 6.6-FR
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	Two plastic reductions M32 to M25 are provided
	One of the two openings for the screw connections is sealed but can be broken open using a screwdriver.

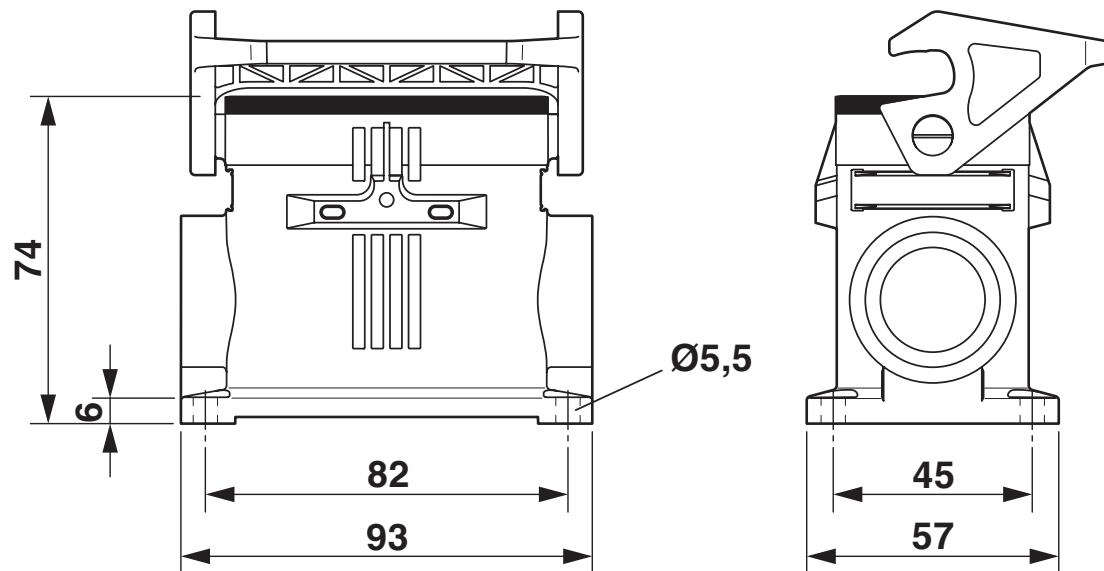
Environmental and real-life conditions

Ambient conditions

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

Drawings

Dimensional drawing




Dimensional drawing

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Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1421277>

DNV

Approval ID: TAE000037S



cUL Recognized

Approval ID: E255026



UL Recognized

Approval ID: E255026



EAC

Approval ID: RU C-DE.AI30.B.01102

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Classifications

ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	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%
EF3.0 Climate Change	
CO2e kg	1.284 kg CO2e