HC-STA-B10-SHWSC-2SSM32-ELC-AL - Housing

1082583

https://www.phoenixcontact.com/us/products/1082583

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Surface mounting housing B10, with single locking latch, material: Die-cast aluminum, salt water resistant, protective cover material: PC, cable outlets: 2, lateral, 2x M32, height: 74.5 mm, cable gland: none, protective cover: yes, Standard

Your advantages

- Good shielding in the event of electromagnetic interference

Commercial data

Item number	1082583
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF56
Product key	AF7APB
GTIN	4055626816210
Weight per piece (including packing)	318.3 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85389099
Country of origin	CN

Technical data

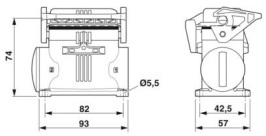
Notes

Notes on the product family	For contact inserts HC-B10, BB18, DD42, M, K8/24
Note on application	compatible with module carrier frames with click-in function

Product properties

Product type	Housing with locking latch
Housing type	Surface mounting housing
Application	Standard
Type	B10
No. of cable outlets	2
Type of the screw connection	2x M32
Protective cover	yes
Cable outlet	lateral
Pg screw connection	none

Dimensions

Dimensional drawing	
Width	52 mm
Height	74.5 mm
Length	92 mm
Hole diameter	5.5 mm

Material specifications

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

Mechanical properties

Mechanical data

Type of the screw connection	2x M32
Locking type	Latch

Connection data

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

Mounting

Assembly note	One opening is sealed with a plastic filler plug and can be opened using a screwdriver.

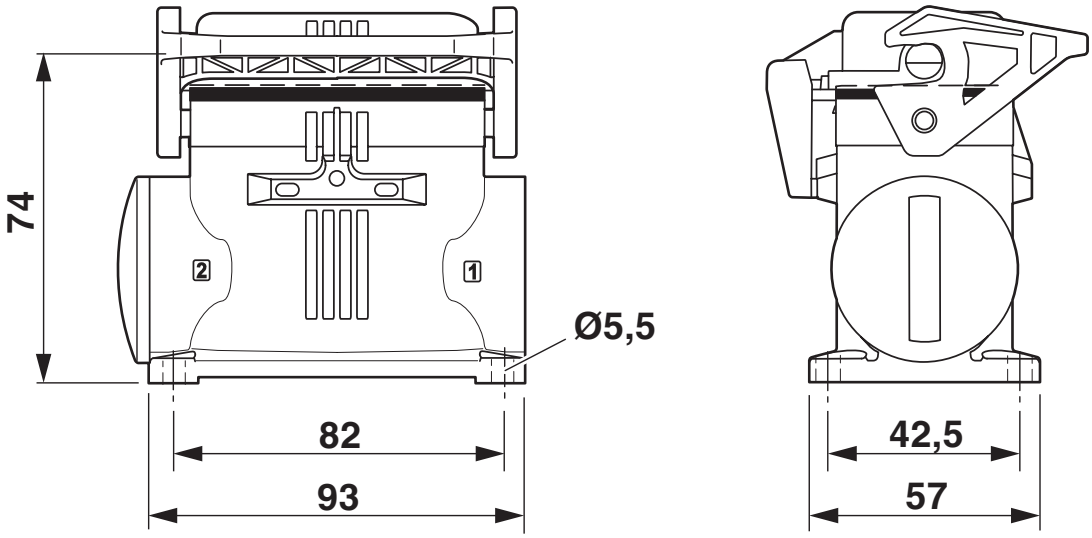
Environmental and real-life conditions

Ambient conditions

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

Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1082583

DNV
Approval ID: TAE000037S

cUL Recognized
Approval ID: E255026

UL Recognized
Approval ID: E255026

Classifications

ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

ETIM

ETIM 10.0	EC000437

UNSPSC

UNSPSC 21.0	31261500

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%

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com