

HC-B 10-TMS-100/O1M32G-EMV - EMC housing



1691010

<https://www.phoenixcontact.com/us/products/1691010>

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HEAVYCON ADVANCE EMC sleeve housing B10, with screw locking, height 100 mm, with 1xM32 support, and straight cable outlet

Commercial data

Item number	1691010
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	AF7AAA
GTIN	4017918616489
Weight per piece (including packing)	364.81 g
Weight per piece (excluding packing)	364.81 g
Country of origin	DE

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Technical data

Notes

General	For contact inserts HC-B10, BB18, DD42, M, K8/24
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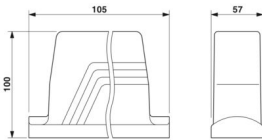
Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Application	EMC
Type	B10
Type of the screw connection	1x M32
Fixing screws	M6
Cable outlet	straight

Connection data

Tightening torque	3 Nm (Locking screw)
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Dimensions

Dimensional drawing	
Width	57 mm
Height	100 mm
Length	105 mm

Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	65 mm

Material specifications

Seal material	NBR, conductive
Housing material	Die-cast aluminum
Housing surface material	EMC coating, silver
Locking latch material	Stainless steel

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (0.2 bar/24 h)
	IP69K
Enclosure rating (NEMA)	4 (NEMA 250)
	4X (NEMA 250)

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	6P (NEMA 250)
	NEMA 250
Ambient temperature (operation)	-40 °C ... 125 °C

Mechanical properties

Mechanical data

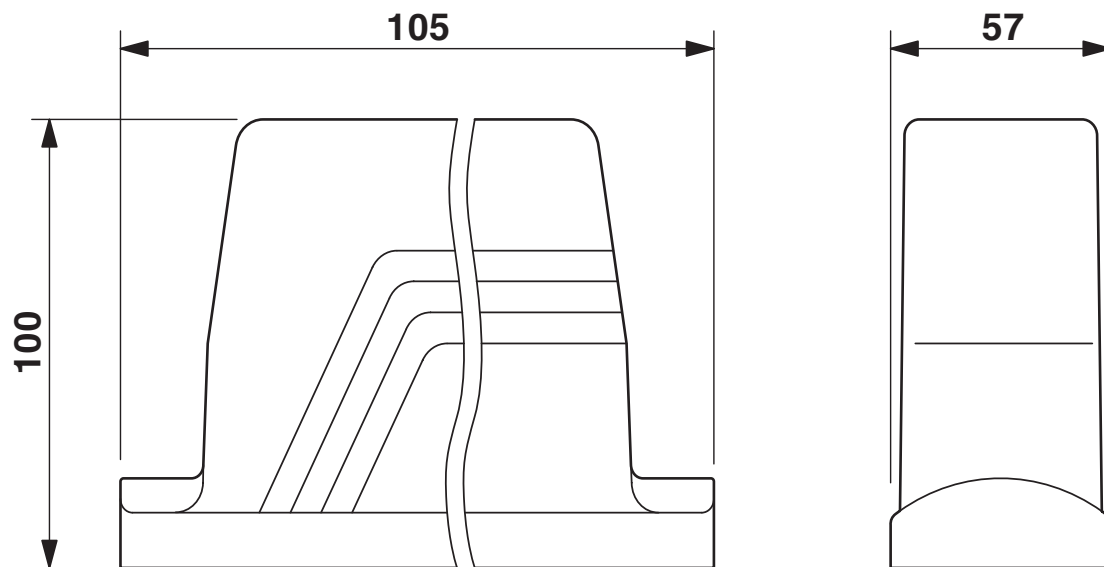
Type of the screw connection	1x M32
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Mounting

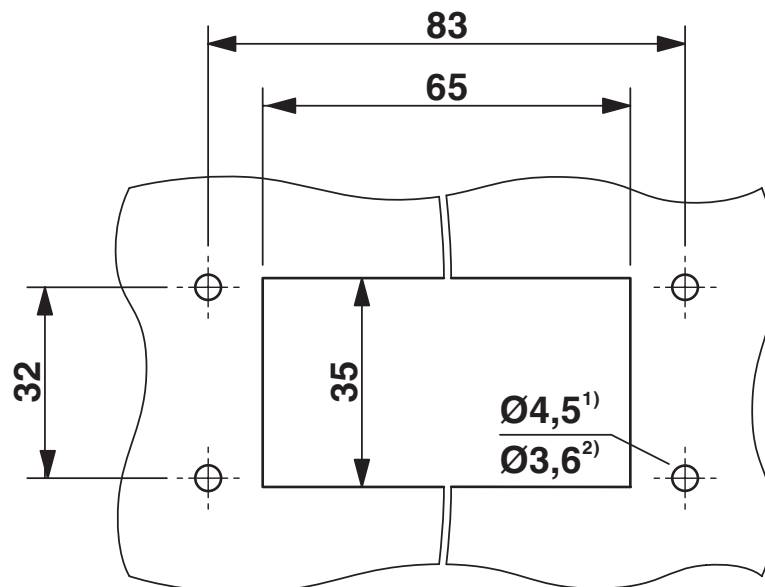
Assembly note	In order to guarantee that the protective conductor contact functions even when plugged in at an angle, the two panel-mount flanges must have sufficient electrical contact with the metal mounting panel.
	To ensure optimum shielding, any insulating power coating must be removed from the profile gasket area on the control cabinet panel. Tightening torque of locking screw: 3 Nm.
Fixing screws	M6

Drawings

Dimensional drawing



Dimensional drawing



Panel cutout

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

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Classifications

ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

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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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