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

1691010

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

PHŒNIX CONTACT

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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	BF7AAA
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
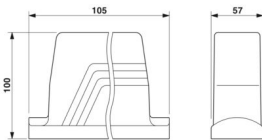
Product properties

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)

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)

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

Mechanical properties

Mechanical data

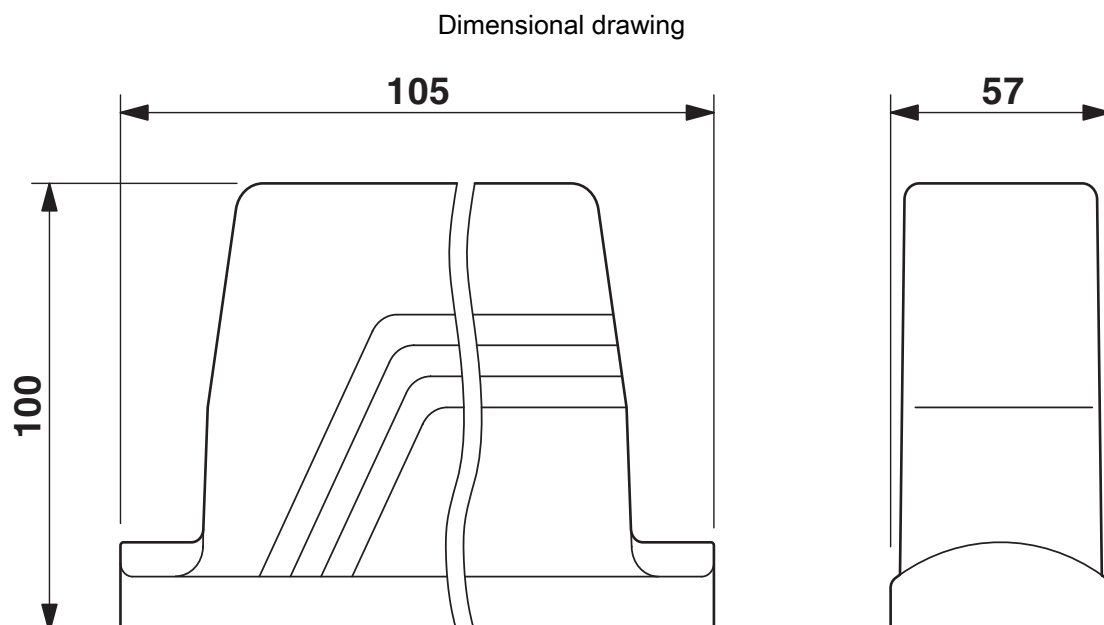|	
Type of the screw connection	1x M32

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

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Drawings

Dimensional drawing
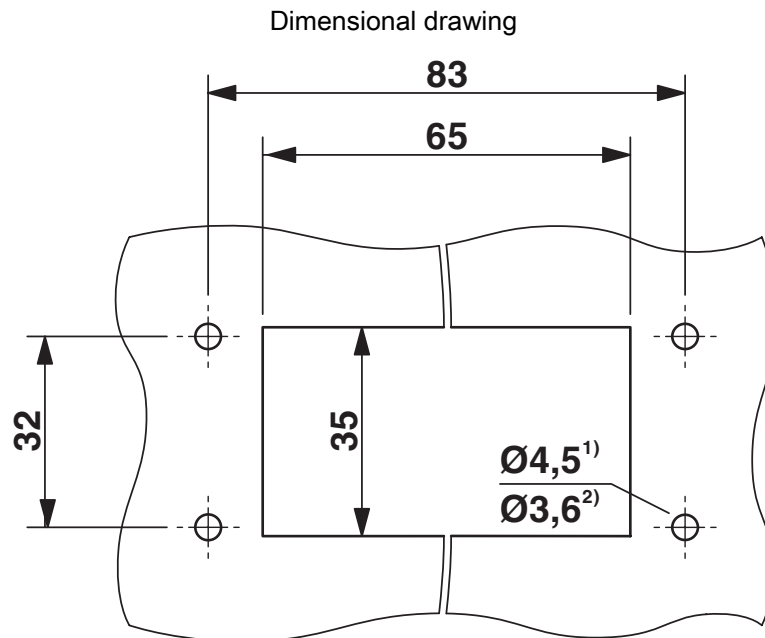
Panel cutout
[2] when self-tapping screws are used (Torx® 20, M4)

Dimensional drawing

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Classifications

ECLASS

ECLASS-11.0	27440202
ECLASS-13.0	27440202

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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Accessories

HC-B-AF - Panel-mount flange

1686533

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Panel-mount flange for HEAVYCON ADVANCE housing

HC-B-AF-SET - Panel-mount flange

1604638

https://www.phoenixcontact.com/us/products/1604638
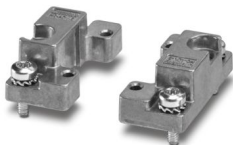
Panel-mount flange for HEAVYCON ADVANCE housing, set consisting of: 2 panel-mount flanges with 4 self-tapping screws (M4, Torx®) and 4 fan-type washers

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HC-B 10-TMS-SD-IP50 - Protective cover

1690749

https://www.phoenixcontact.com/us/products/1690749

Protective cover B10, with clip locking, protective cover material: PA, height: 31.2 mm, seal: no, with lanyard

HC-B 10-TMS-SD-IP65 - Protective cover

1690781

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HEAVYCON ADVANCE IP65 protective cover B10, for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet 3 mm

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G-INS-M32-M68N-PNES-GY - Cable gland

1411127

https://www.phoenixcontact.com/us/products/1411127

Cable gland, material for screw connection: PA, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver-grey RAL 7001

G-INS-M32-M68N-PNES-BK - Cable gland

1411136

https://www.phoenixcontact.com/us/products/1411136

Cable gland, material for screw connection: PA, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: jet black RAL 9005

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G-INS-M32-M68N-NNES-S - Cable gland

1411166

https://www.phoenixcontact.com/us/products/1411166

Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 15 mm ... 21 mm, shielding: no, connecting thread: M32 x 1.5, color: silver, with O-ring

HC-M-KV-M32(19-27) - Cable gland

1646010

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Metal screw connection up to 5 bar, thread length: 8 mm, cable diameter: 19 - 27 mm, WAF 43, screw connection: M32

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G-INSEC-M32-M68N-NCRS-S - Cable gland

1411191

https://www.phoenixcontact.com/us/products/1411191

Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 14 mm … 21 mm, shielding: yes, connecting thread: M32 x 1.5, color: silver, with O-ring

HC-M-KV-Z-M32 - Cable gland

1646162

https://www.phoenixcontact.com/us/products/1646162

Metal screw connection with strain relief clamp, thread length: 8 mm, cable sealing area: 18 - 27 mm, clamping area: 19 - 30 mm, SW 40, screw connection: M32

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HC-M-KV-T-M32 - Cable gland

1646201

https://www.phoenixcontact.com/us/products/1646201

Metal screw connection with cable bend protection and strain relief, thread length: 8 mm, cable sealing area: 18 - 27 mm, clamping area: 20 - 30 mm, SW 40, screw connection: M32

REDUC-M-KV-M32/M25 - Reducing adapter

1647637

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Reducing adapter, connecting thread: M32 x 1.5, color: silver, with O-ring

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ENLAR-M-KV-M32/M40 - Extension adapter

1647682

https://www.phoenixcontact.com/us/products/1647682

Extension adapter, connecting thread: M32 x 1.5, color: silver, with O-ring

HC-M-BS-M32 - Screw plug

1645862

https://www.phoenixcontact.com/us/products/1645862

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M32 x 1.5, color: silver

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