

HC-B 16-TMS-100/O1M40G-EMV - EMC housing



1691036

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HEAVYCON ADVANCE EMC sleeve housing B16, with screw locking, height 100 mm, with 1xM40 support, and straight cable outlet

Commercial data

Item number	1691036
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	BF7AAA
GTIN	4017918616502
Weight per piece (including packing)	436.63 g
Weight per piece (excluding packing)	436.63 g
Country of origin	DE

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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 screw locking
Housing type	Sleeve housing
Application	EMC
Type	B16
Type of the screw connection	1x M40
Fixing screws	M6
Cable outlet	straight

Connection data

Tightening torque	3 Nm (Locking screw)
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Dimensions

Width	57 mm
Height	100 mm
Length	126 mm

Installation dimensions

Width of the assembly cutout	35 mm
Length of the assembly cutout	86 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

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Mechanical data

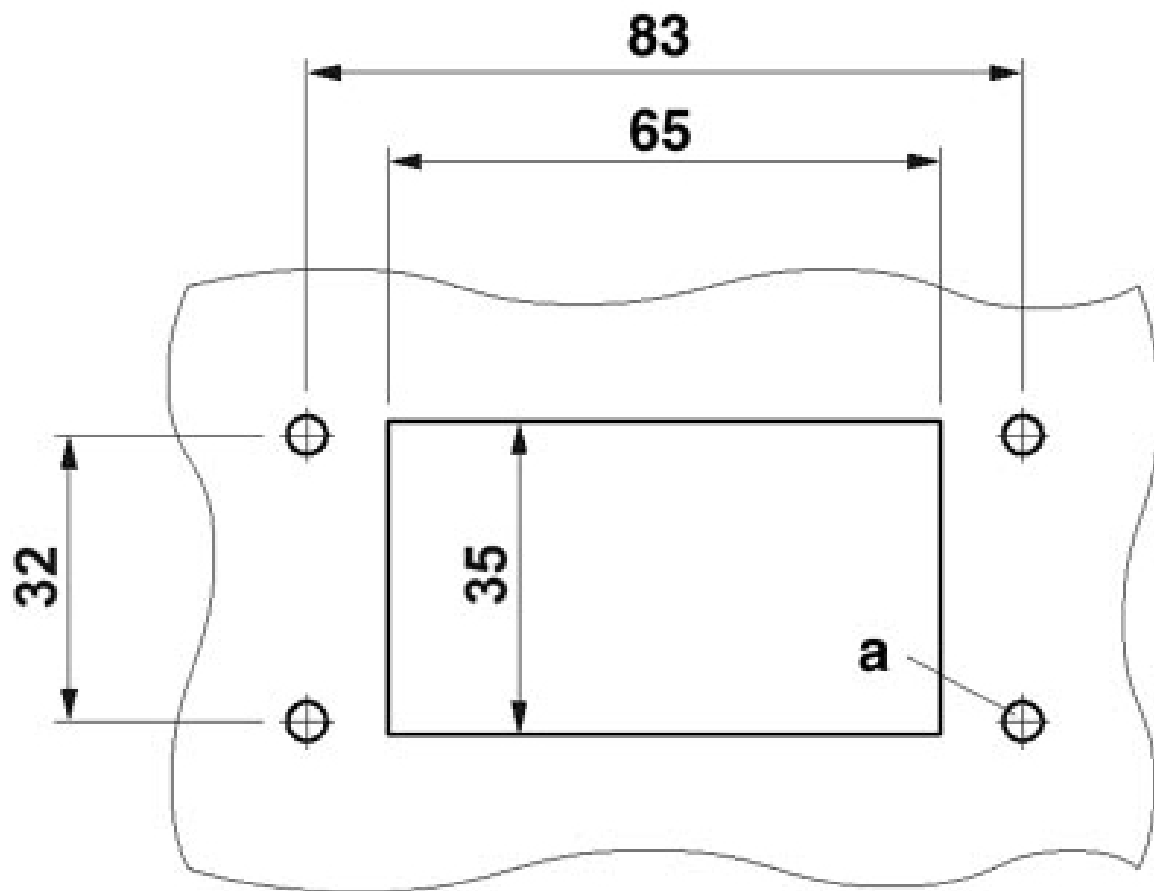
Type of the screw connection	1x M40
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Mounting

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

Drilling plan/solder pad geometry



Mounting cutout

a = when self-tapping M4 Torx® screws with a diameter of 3.6 mm are used, or when M4 screws with M4 thread or 4.5 mm diameter are used

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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
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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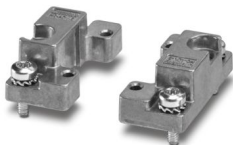


Panel-mount flange for HEAVYCON ADVANCE housing

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

1604638

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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 16-TMS-SD-IP50 - Protective cover

1690752

<https://www.phoenixcontact.com/us/products/1690752>



Protective cover B16, with clip locking, protective cover material: PA, height: 31.2 mm, seal: no, with lanyard

HC-B 16-TMS-SD-IP65 - Protective cover

1690794

<https://www.phoenixcontact.com/us/products/1690794>



HEAVYCON ADVANCE IP65 protective cover B16, for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet 3 mm

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G-INS-M40-M68N-PNES-GY - Cable gland

1411128

<https://www.phoenixcontact.com/us/products/1411128>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: silver-grey RAL 7001

G-INS-M40-M68N-PNES-BK - Cable gland

1411137

<https://www.phoenixcontact.com/us/products/1411137>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: jet black RAL 9005

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G-INS-M40-M68N-NNES-S - Cable gland

1411167

<https://www.phoenixcontact.com/us/products/1411167>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: silver, with O-ring

HC-M-KV-M40(27-34) - Cable gland

1607729

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Metal screw connection up to 5 bar, thread length: 8 mm, cable diameter: 27 ... 34 mm, WAF 50, screw connection: M40

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G-INSEC-M40-M68N-NCRS-S - Cable gland

1411192

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Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 19 mm ... 27 mm, shielding: yes, connecting thread: M40 x 1.5, color: silver, with O-ring

HC-M-KV-Z-M40 - Cable gland

1646175

<https://www.phoenixcontact.com/us/products/1646175>



Metal screw connection with strain relief clamp, thread length: 8 mm, cable sealing area: 24 - 33 mm, clamping area: 26 - 36 mm, SW 50, screw connection: M40

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REDUC-M-KV-M40/M32 - Reducing adapter

1647640

<https://www.phoenixcontact.com/us/products/1647640>

Reducing adapter, connecting thread: M40 x 1.5, color: silver, with O-ring



HC-M-BS-M40 - Screw plug

1645875

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Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M40 x 1.5, color: silver



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