HC-B 16-TMB-100/O1STM40S-EMV - EMC housing

1604489

https://www.phoenixcontact.com/us/products/1604489

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HEAVYCON ADVANCE EMV sleeve housing B16, with bayonet locking, height 100 mm, with 1xM40 thread, lateral cable outlet

Commercial data

Item number	1604489
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF58
Product key	BF7AAA
Catalog page	Page 479 (PC-2009)
GTIN	4017918948160
Weight per piece (including packing)	386.48 g
Weight per piece (excluding packing)	386.48 g
Customs tariff number	85389099
Country of origin	DE

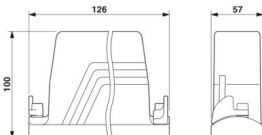# HC-B 16-TMB-100/O1STM40S-EMV - EMC housing

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Technical data

Notes

General	For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K

Product properties

Product type	Housing with bayonet locking
Housing type	Sleeve housing
Application	EMC
Type	B16
No. of cable outlets	1
Type of the screw connection	1x M40
Cable outlet	lateral
Pg screw connection	none

Dimensions

Dimensional drawing	
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	Powder coating
Locking latch material	High-grade steel, handle: PA-GF

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-40 °C ... 125 °C

Mechanical properties

Mechanical data

Type of the screw connection	1x M40
Locking type	Screw

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.
	If insulating powder coating is present on the control cabinet panel, it should be removed from the profile gasket area in order to ensure optimum shielding.

Drawings

Dimensional drawing

126

57

100
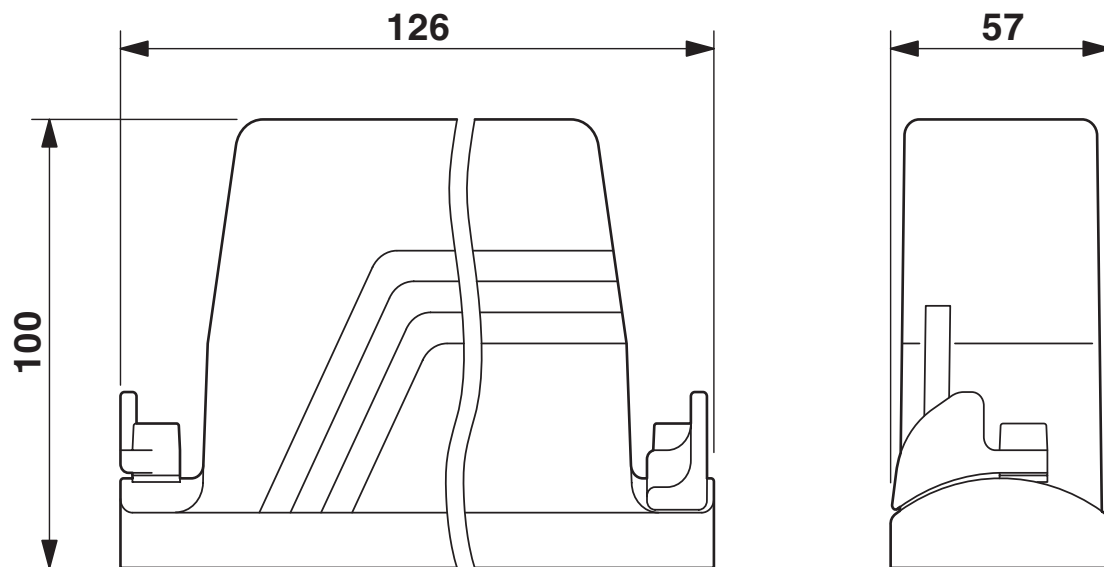
Dimensional drawing

Dimensional drawing

103

86

32

35

Ø4,5[1]

Ø3,6[2]
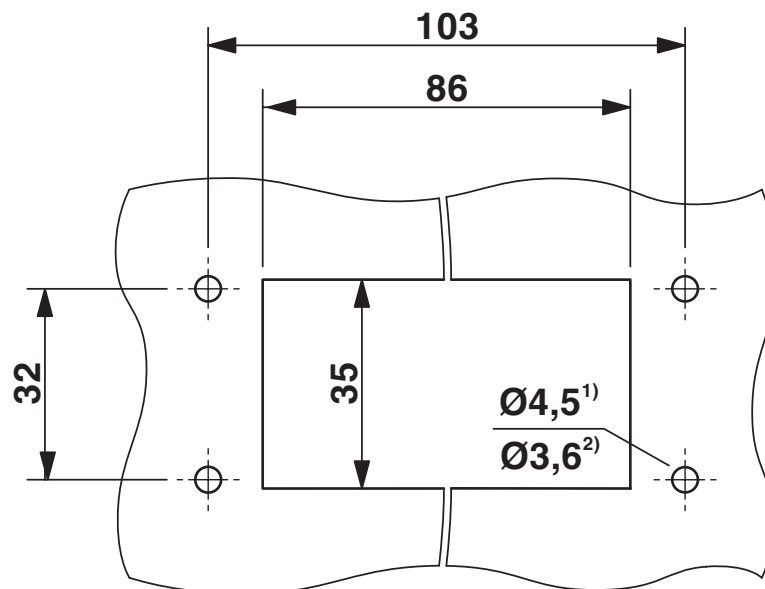
Mounting cutout
1) when M4 screws are used
2) when self-tapping Torx® screws are used (Torx® 20, M4)

Approvals

🔆 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1604489

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

Classifications

ECLASS

ECLASS-11.0	27440202
ECLASS-12.0	27440202
ECLASS-13.0	27440202

ETIM

ETIM 9.0	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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Accessories

HC-B-BF - Panel-mount flange

1604641

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Panel mounting flange for HEAVYCON ADVANCE TMB housing with bayonet locking

HC-B-BF-SET - Panel-mount flange

1604654

https://www.phoenixcontact.com/us/products/1604654

Bayonet mounting flange set, consisting of 2 mounting flanges with 4 self-tapping Torx® head screws and 4 fan-type spacers

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HC-B 16-TMS-SD-IP66 - Protective cover

1411517

https://www.phoenixcontact.com/us/products/1411517

HEAVYCON ADVANCE, IP66, B16 protective cover, for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet: 3 mm

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

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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

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

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

1607729

https://www.phoenixcontact.com/us/products/1607729

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

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

1411192

https://www.phoenixcontact.com/us/products/1411192

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

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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

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

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HC-M-BS-M40 - Screw plug

1645875

https://www.phoenixcontact.com/us/products/1645875

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