HC-B 32-TMS-100-O1STM40S-EEE - Housing

1580519

https://www.phoenixcontact.com/us/products/1580519

PHŒNIX CONTACT

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HEAVYCON-ADVANCE sleeve housing B32, for increased environmental requirements, EMC-conductive, with Allen wrench screw locking, with 1x M40x1.5 lateral cable outlet

Commercial data

Item number	1580519
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF58
Product key	BF7AAA
Catalog page	Page 618 (C-4-2015)
GTIN	4046356463157
Weight per piece (including packing)	697.4 g
Weight per piece (excluding packing)	697.4 g
Customs tariff number	85389099
Country of origin	DE

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Technical data

Notes

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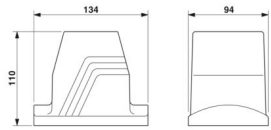
Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Application	Offshore/EMC
Type	B32
No. of cable outlets	1
Type of the screw connection	1x M40
Fixing screws	M6 (screw head: 5 mm Allen screw)
Shielded	yes
Cable outlet	lateral
Pg screw connection	none

Connection data

Tightening torque	3 Nm (Locking screw)

Dimensions

Dimensional drawing	
Width	94 mm
Height	110 mm
Length	126 mm

Installation dimensions	
Width of the assembly cutout	71 mm
Length of the assembly cutout	86 mm

Material specifications

Seal material	NBR, conductive
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	uncoated
Locking latch material	Stainless steel

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP66
	IP68 (0.2 bar/24 h)

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	IP69K
Enclosure rating (NEMA)	4 (NEMA 250)
	4X (NEMA 250)
	6P (NEMA 250)
	12 (NEMA 250)
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.
	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 (screw head: 5 mm Allen screw)

Drawings

Dimensional drawing

134

110

94

Dimensional drawing

Dimensional drawing

110

84

65

70

$\varnothing 5,5$ [1]

$\varnothing 3,6$ [2]
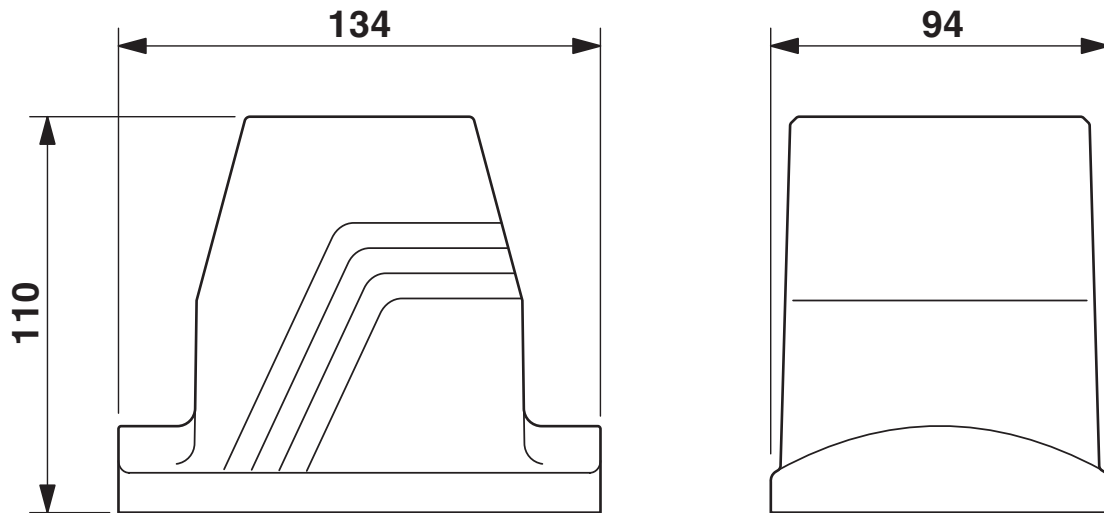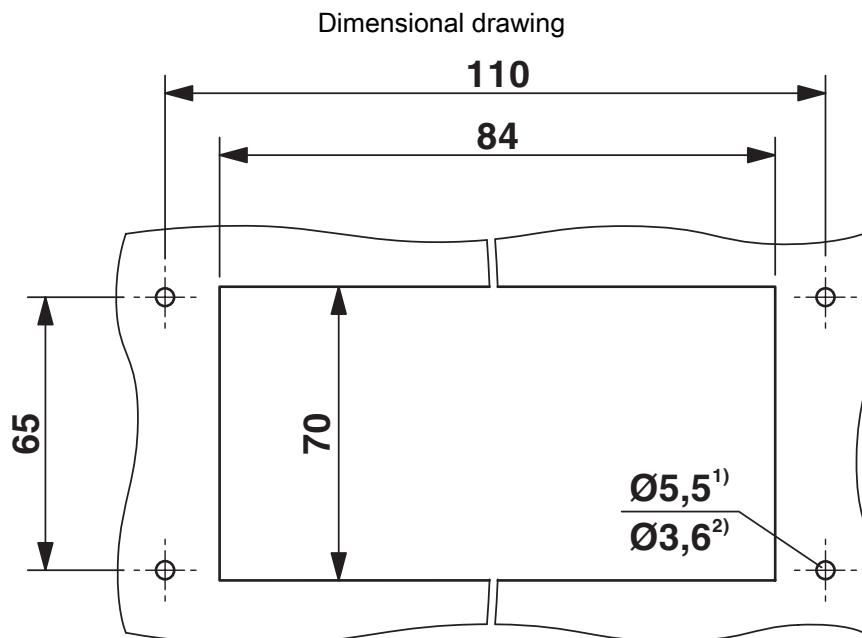
Mounting cutout
1) Standard M5 screw
2) Self-tapping (Torx® 20, M4)

Classifications

ECLASS

ECLASS-11.0	27440202
ECLASS-13.0	27440202

Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Accessories

HC-B 32/48-AF - Panel-mount flange

1580524

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HEAVYCON-ADVANCE mounting flange for screw locking HC B 32/48

HC-B 32-TMS-SD-IP65 - Protective cover

1580539

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HEAVYCON ADVANCE B32 IP65 protective cover, for panel mounting side, screw locking with 2 Allen screws, with seal, 3 mm retaining cord eyelet

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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

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

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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

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

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

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

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HC-B 32-TMS-EEE-PR-DI - Profile gasket

1409833

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Profile gasket for sleeve housing type B32.....EEE

SF-BIT-HEXB 5-89 - Screw insert

1208911

https://www.phoenixcontact.com/us/products/1208911

Screw bit, hexagonal with ball head, E6.3-1/4" drive, size: Hex 5 x 89 mm, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173

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SF-M BH - Screwdriver

1212070

https://www.phoenixcontact.com/us/products/1212070

Bit screwdriver, with 1/4" quick-action chuck, handle length 119 mm, 2-component handle, with non-slip grip, suitable for bits according to DIN 3126-C 6.3 and E 6.3/ISO 1173, magnetic

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