PHŒNIX CONTACT

Housing - HC-B 16-TMS-100/O1STM32S-EEE - 1587674

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HEAVYCON ADVANCE sleeve housing B16, with high-grade steel screw locking (hexagonal socket-head), salt water resistant aluminum, height 100 mm, with thread, 1xM32 lateral cable outlet, without surface; conductive seal (EMC properties)

Key Commercial Data

Packing unit	10 pc
GTIN	4 046356 520775
Weight per Piece (excluding packing)	392.3 g
Custom tariff number	85389099
Country of origin	Germany

Technical data

Dimensions

Height	100 mm
Width	57 mm
Length	126 mm
Length of the assembly cutout	86 mm
Width of the assembly cutout	35 mm

Ambient conditions

Degree of protection of housing (IP)	IP66
	IP68 (0.2 bar 24 h)
	IP69K
Degree of protection of housing (NEMA)	4 (UL50e / NEMA 250)
	4X (UL50e / NEMA 250)
	6P (UL50e / NEMA 250)
	12 (UL50e / NEMA 250)
Ambient temperature (operation)	-40 °C ... 125 °C

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Technical data

General

Note	For contact inserts HC-B16, BB32, D40, DD72, HS6, HV6, M, K
Type	B16
Housing type	Sleeve housing
Locking type	Screw locking
Torque	3 Nm (Locking screw)
Fixing screws	M6 (screw head: 5 mm Allen screw)
No. of cable outlets	1
Cable exit	Lateral
Screw connection	none
Type of the screw connection	1x M32
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	Uncoated
Seal material	NBR, conductive
Material lock	High-grade steel
Assembly instructions	In order to guarantee that the ground conductor contact functions even when plugged in at an angle, the two panel mounting flanges must have sufficient electrical contact with the metal mounting panel.
Connection	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.

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27261203
eCl@ss 7.0	27440202
eCl@ss 8.0	27440202

ETIM

ETIM 2.0	EC000437
ETIM 3.0	EC000437
ETIM 4.0	EC000437
ETIM 5.0	EC000437

UNSPSC

UNSPSC 6.01	31261502
UNSPSC 7.0901	31261502
UNSPSC 11	31261502

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Classifications

UNSPSC

UNSPSC 12.01	31261502
UNSPSC 13.2	31261502

Approvals

Approvals

Approvals

EAC / GL

Ex Approvals

Approvals submitted

Approval details

EAC

GL

Accessories

Accessories

Extension adapter

Extension adapter - ENLAR-M-KV-M32/M40 - 1647682

Step-up adapter, M32 to M40, including O-ring

Full screw connection

Cable gland - G-INS-M32-M68N-PNES-GY - 1411127

Cable gland, Cable gland material: Polyamide 6, External cable diameter 15 mm ... 21 mm, Shielding: No, Connecting thread: M32

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Accessories

Cable gland - G-INS-M32-M68N-PNES-BK - 1411136

Cable gland, Cable gland material: Polyamide 6, External cable diameter 15 mm ... 21 mm, Shielding: No, Connecting thread: M32

Cable gland - G-INS-M32-M68N-NNES-S - 1411166

Cable gland, Cable gland material: Brass, nickel-plated, External cable diameter 15 mm ... 21 mm, Shielding: No, Connecting thread: M32, Color: silver

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Cable gland - HC-M-KV-M32(19-27) - 1646010

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

Cable gland - G-INSEC-M32-M68N-NCRS-S - 1411191

Cable gland, Cable gland material: Brass, nickel-plated, External cable diameter 14 mm ... 21 mm, Shielding: Yes, Connecting thread: M32, Color: silver

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

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

Panel mounting flange

Mounting flange - HC-B-AF - 1686533

Panel mounting flange for HEAVYCON-ADVANCE TMS housing with screw locking

Mounting flange - HC-B-AF-SET - 1604638

Panel mounting flange for screw locking, set comprising 2 panel mounting flanges with 4 self-tapping Torx® head screws and 4 fan-type washers

Plug for cable screw gland

Filler plugs - HC-M-BS-M32 - 1645862

Filler plug, metal, size: M32

Protective cover

Protective covers - HC-B 16-TMS-SD-IP50 - 1690752

HEAVYCON ADVANCE IP50 protective cover B16, for panel mounting side, with clip locking, with retaining cord, diameter of retaining cord eyelet 3 mm

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Accessories

Protective covers - HC-B 16-TMS-SD-IP65 - 1690794

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

Reducing adapter

Reducing adapter - REDUC-M-KV-M32/M25 - 1647637

Reducing adapter, metal, M32 to M25, including O-ring

Screwdriver tools

Screwdriver - SF-BIT-HEXB 5-89 - 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

Screwdriver - SF-M BH - 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
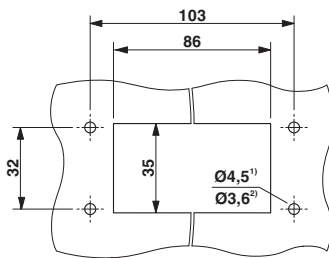
Seal

Profile gasket - HC-B 16-TMS-EEE-PR-DI - 1409817

Profile gasket for sleeve housing type B16.....EEE

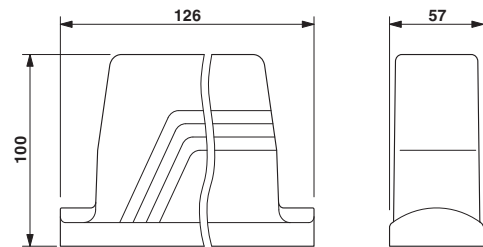## Drawings

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Dimensional drawing

Dimensional drawing

Panel cutout

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

Dimensional drawing