

HC-B 16-TMSO1STM32G/M20G-EEE - Housing



1580495

<https://www.phoenixcontact.com/us/products/1580495>

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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 straight and M20 straight cable outlet, without surface; conductive seal (EMC properties)

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1580495 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BF58 |
| Product key | BF7AAA |
| GTIN | 4046356438230 |
| Weight per piece (including packing) | 377.6 g |
| Weight per piece (excluding packing) | 373.6 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 |
|---------|---|

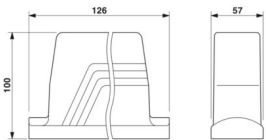
Product properties

| | |
|------------------------------|-----------------------------------|
| Type | B16 |
| Product type | Housing with screw locking |
| Application | Offshore/EMC |
| Type of the screw connection | 1x M20 / 1x M32 |
| Fixing screws | M6 (screw head: 5 mm Allen screw) |
| Housing type | Sleeve housing |
| Cable outlet | straight |

Connection data

| | |
|-------------------|----------------------|
| Tightening torque | 3 Nm (Locking screw) |
|-------------------|----------------------|

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

Environmental and real-life conditions

Ambient conditions

| | |
|-------------------------|---------------------|
| Degree of protection | IP66 |
| | IP68 (0.2 bar/24 h) |
| | IP69 |
| Enclosure rating (NEMA) | 4 (NEMA 250) |
| | 4X (NEMA 250) |

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| | |
|---------------------------------|-------------------|
| | 6P (NEMA 250) |
| | 12 (NEMA 250) |
| Ambient temperature (operation) | -40 °C ... 125 °C |

Mechanical properties

Mechanical data

| | |
|------------------------------|-----------------|
| Type of the screw connection | 1x M20 / 1x M32 |
|------------------------------|-----------------|

Mounting

| | |
|-----------------------|---|
| Assembly instructions | <p>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.</p> <p>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.</p> |
| Fixing screws | M6 (screw head: 5 mm Allen screw) |

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Classifications

ECLASS

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

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000437 |
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UNSPSC

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| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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Environmental product compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values |
|------------|---|

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