

HC-B 6-TMB-100/O1STM25G-EMV - EMC housing



1604214

<https://www.phoenixcontact.com/us/products/1604214>

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HEAVYCON ADVANCE EMV sleeve housing B6, with bayonet locking, height 100 mm, with 1xM25 thread, straight cable outlet

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1604214 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | BF58 |
| Product key | AF7AAA |
| GTIN | 4017918947897 |
| Weight per piece (including packing) | 321.6 g |
| Weight per piece (excluding packing) | 321.6 g |
| Customs tariff number | 85389099 |
| Country of origin | DE |

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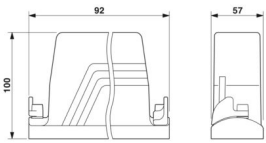
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Technical data

Product properties

| | |
|------------------------------|------------------------------|
| Product type | Housing with bayonet locking |
| Housing type | Sleeve housing |
| Application | EMC |
| Type | B6 |
| No. of cable outlets | 1 |
| Type of the screw connection | 1x M25 |
| Cable outlet | straight |

Dimensions

| | |
|---------------------|---|
| Dimensional drawing |  |
| Width | 57 mm |
| Height | 100 mm |
| Length | 92 mm |

Installation dimensions

| | |
|-------------------------------|-------|
| Width of the assembly cutout | 35 mm |
| Length of the assembly cutout | 52 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 M25 |
| Locking type | Latch |

Mounting

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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.

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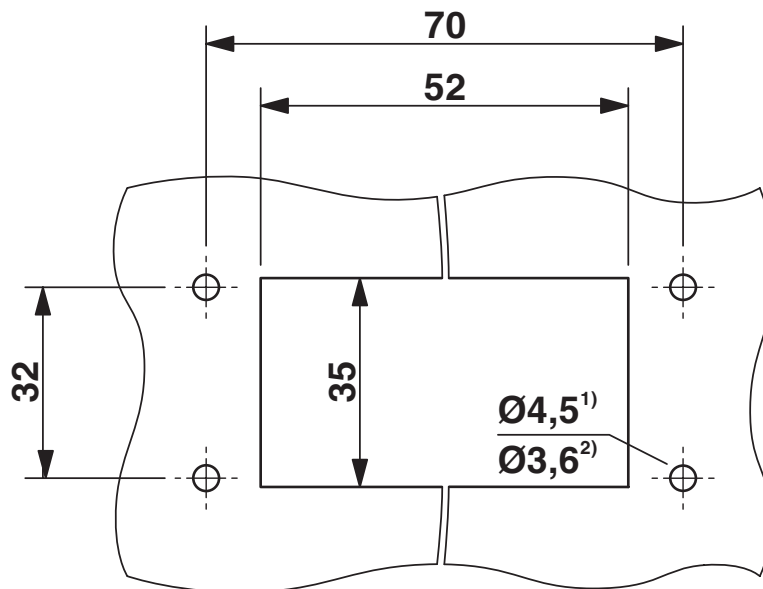
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Drawings

Dimensional drawing



Dimensional drawing



Mounting cutout

1) when M4 screws are used

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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440202 |
| ECLASS-15.0 | 27440202 |

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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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