

# HC-B 24-TMS-100/O2STM25G-STAIM - Housing



1637045

<https://www.phoenixcontact.com/us/products/1637045>

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The figure shows the version with standard screw locking

HEAVYCON ADVANCE STA sleeve housing B24, with screw locking, height 100 mm, with 2x M25 thread, straight cable outlet, with M6 x 18 hexagonal socket-head screws made of high-grade steel in acc. with DIN EN ISO 4762

## Commercial data

Item number	1637045
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF58
Product key	AF7AAA
GTIN	4046356091992
Weight per piece (including packing)	462.8 g
Weight per piece (excluding packing)	462.8 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Type	B6
Type of the screw connection	With 2x M25 thread
Cable outlet	straight

### Connection data

Tightening torque	3 Nm (Locking screw)
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### Dimensions

Width	57 mm
Height	100 mm
Length	92 mm

### Material specifications

Seal material	NBR
Housing material	Die-cast aluminum
Housing surface material	Powder-coated, gray
Locking latch material	Stainless steel

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

### Mechanical properties

#### Mechanical data

Type of the screw connection	With 2x M25 thread
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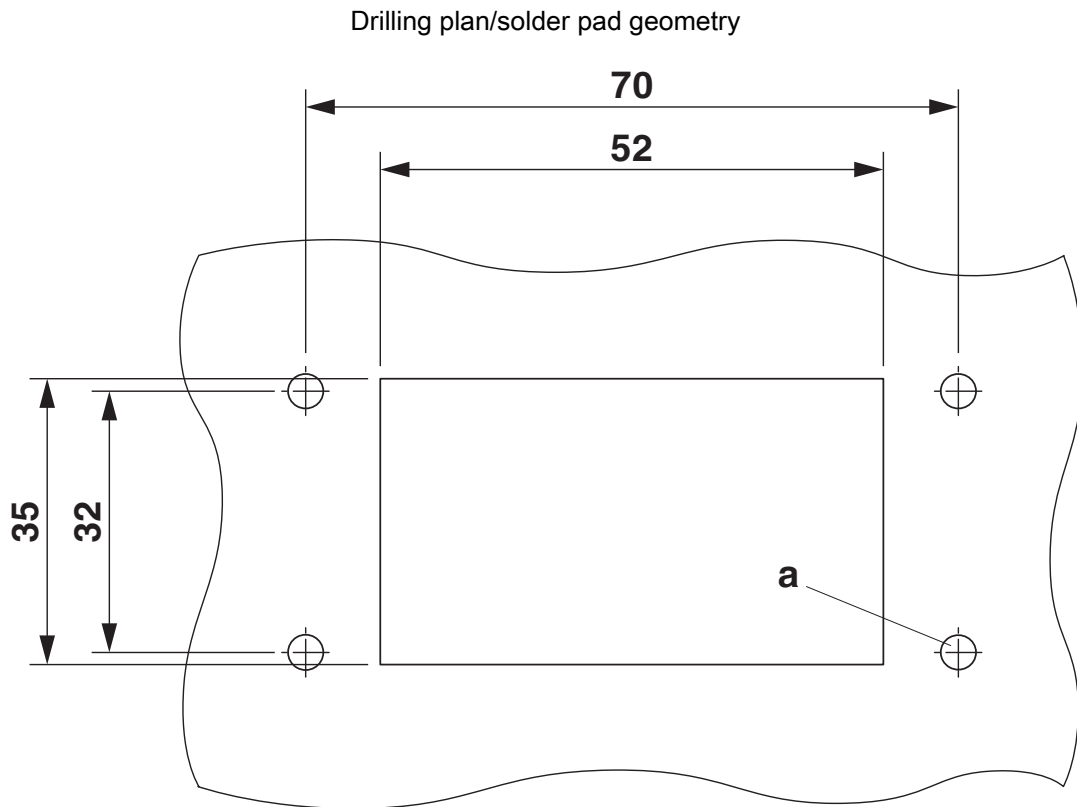
### Mounting

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.
	Tightening torque of locking screw 3 Nm.

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## Drawings



Mounting cutout

a = when self-tapping M4 Torx® screws with a diameter of 3.6 mm are used, or when M4 screws with M4 thread or 4.5 mm diameter are used

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## Approvals

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**DNV**

Approval ID: TAE000037S



**EAC**

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

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## Classifications

### ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

### ETIM

ETIM 10.0	EC000437
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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### EF3.1 Climate Change

CO2e kg	2.408 kg CO2e
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)