

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



1637045

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

1637045

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

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)
-------------------	----------------------

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
------------------------------	--------------------

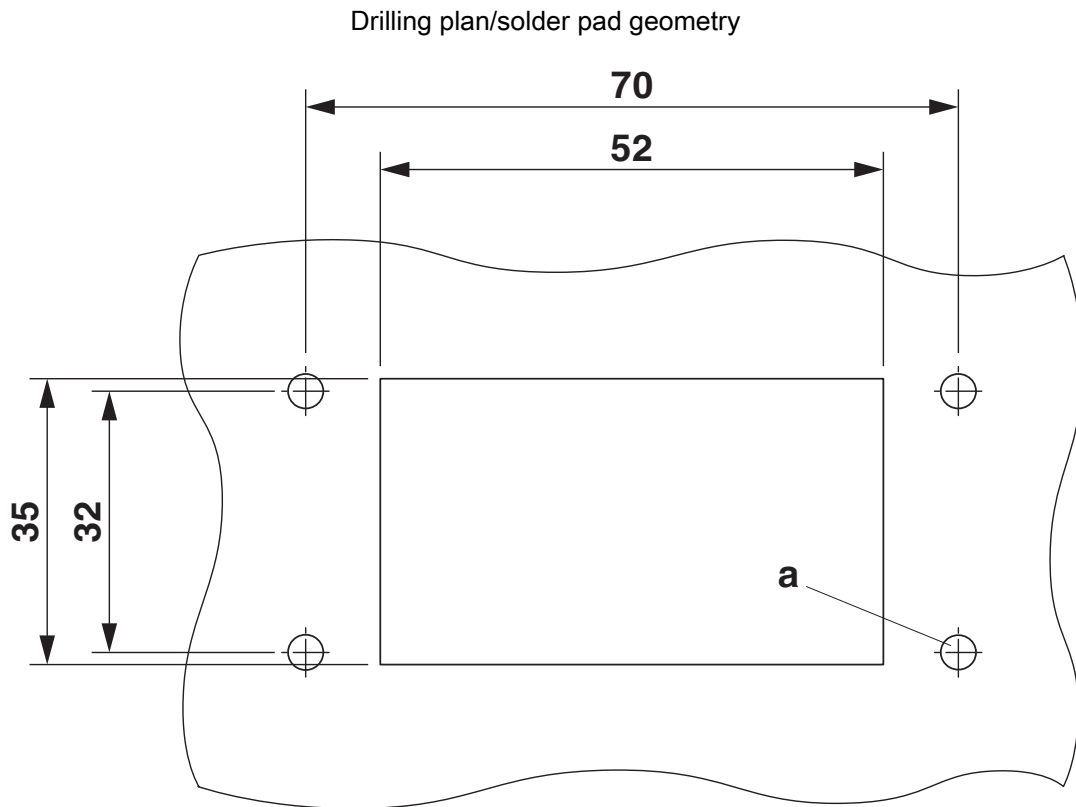
Mounting

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.

1637045

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

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

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



1637045

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

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1637045>

DNV

Approval ID: TAE000037S



EAC

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

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



1637045

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

Classifications

ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

ETIM

ETIM 10.0	EC000437
-----------	----------

UNSPSC

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

1637045

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

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%
-------------------------------------	----------------------------

EF3.1 Climate Change

CO2e kg	2.408 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

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