

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

Notes

General	Mounting flange HC-B-AF 1686533
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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
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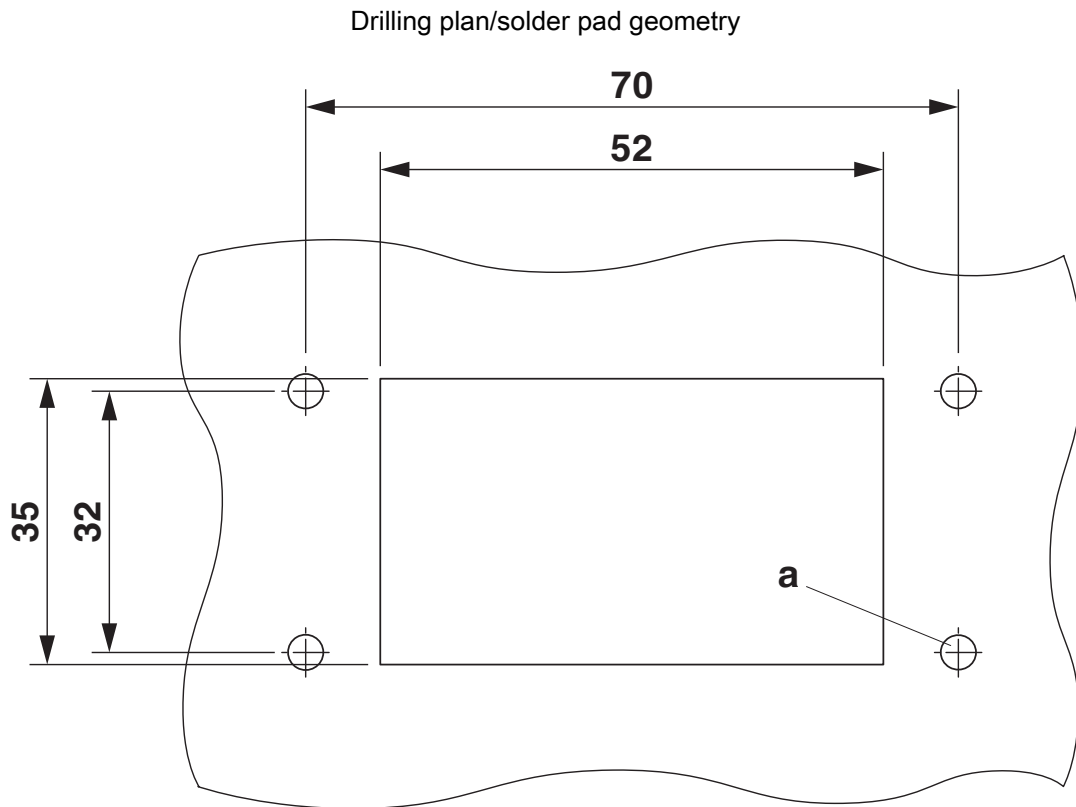
functions even when plugged in at an angle, the two panel-mount flanges must have sufficient electrical contact with the metal mounting panel.

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

ENEC

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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