

# HC-STA-B48-BWSC-EMC-AL - Housing



1424864

<https://www.phoenixcontact.com/us/products/1424864>

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Panel mounting base B48, with single locking latch, material: Die-cast aluminum, salt water resistant, protective cover material: PA, height: 39.4 mm, cable gland: none, protective cover: yes, Standard, with flat gasket

## Your advantages

- Good shielding in the event of electromagnetic interference

## Commercial data

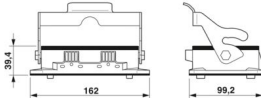
Item number	1424864
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF56
Product key	BF7APB
Catalog page	Page 645 (C-2-2019)
GTIN	4055626382692
Weight per piece (including packing)	622 g
Weight per piece (excluding packing)	622 g
Customs tariff number	85389099
Country of origin	CN

## Technical data

### Product properties

Product type	Housing with locking latch
Housing type	Panel mounting base
Application	Standard
Type	B48
Protective cover	yes
Pg screw connection	none

### Dimensions

Dimensional drawing	
Width	99.2 mm
Height	39.4 mm
Length	162 mm
Drill hole distance, horizontal	148 mm
Drill hole distance, vertical	70 mm
Hole diameter	6.5 mm

### Installation dimensions

Width of the assembly cutout	81 mm
Length of the assembly cutout	117 mm

### Material specifications

Flammability rating according to UL 94	V0 (Interlock)
	V0 (Protective cover)
Seal material	NBR, conductive
	NBR, conductive
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	uncoated
Material, protective cover	PA
Locking latch material	Stainless steel

### Mechanical properties

#### Mechanical data

Locking type	Latch
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### Connection data

Tightening torque	3 Nm ... 5 Nm (For M6 mounting screws on the panel-mount base)
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66 (with locked protective cover)
	IP67 (when plugged in)
Enclosure rating (NEMA)	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 125 °C

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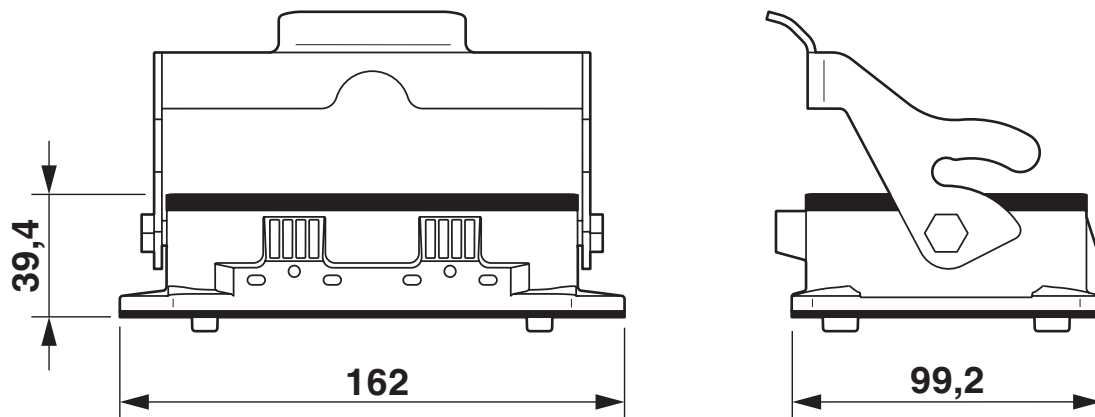
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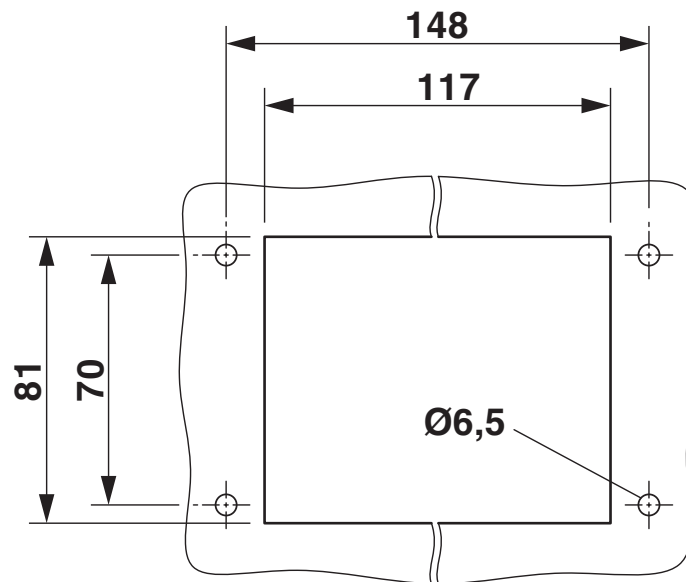
## Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



Mounting cutout

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424864>

**DNV**  
Approval ID: TAE000037S

**EAC**  
Approval ID: RU C-DE.BL08.B.00511

**cUL Recognized**  
Approval ID: E255026

**UL Recognized**  
Approval ID: E255026

**cULus Recognized**

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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

UNSPSC 21.0	31261500
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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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## Accessories

### US-EMLP (20X9) CUS - Plastic label

0830085

<https://www.phoenixcontact.com/us/products/0830085>

Plastic label, Card, can be ordered: by card, white, labeled according to customer specifications, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 75



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### US-EMLP-HA (20X9) - Plastic label

0830989

<https://www.phoenixcontact.com/us/products/0830989>

Plastic label, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70



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