

# HC-HPR-D07-BFH-EMR-BK - Housing



1424637

<https://www.phoenixcontact.com/us/products/1424637>

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Panel mounting base D7, For screw locking, material: Zinc die-cast, height: 24.3 mm, cable gland: none, protective cover: no, Railway applications, for increased environmental and EMC requirements, Series HPR

## Your advantages

- Vibration and shock: IEC 61373/EN 50155, category 1, class 1B

## Commercial data

Item number	1424637
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF60
Product key	BF7AAJ
GTIN	4055626375663
Weight per piece (including packing)	48.7 g
Weight per piece (excluding packing)	46.6 g
Customs tariff number	85389099
Country of origin	CN

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## Technical data

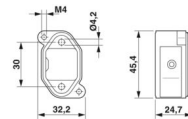
### Notes

General	for contact insertsHC-D7, D8, A3, A4, HS2-D7,Q5, Q7, Q12
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### Product properties

Product type	Housing with screw locking
Housing type	Panel mounting base
Product family	HC-STA-D07
Series	HPR-D7
Application	Railway applications
Type	D7
Protective cover	no
Shielded	yes
Pg screw connection	none

### Dimensions

Dimensional drawing	
Width	32.2 mm
Height	24.3 mm
Length	45.4 mm
Hole diameter	4.2 mm

### Installation dimensions

Width of the assembly cutout	22 mm
Length of the assembly cutout	22 mm

### Material specifications

Seal material	NBR
	NBR
Housing material	Zinc die-cast
Housing surface material	Powder-coated, black

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP66 (with sealing screw)
	IP68 (0.4 bar / 30 min. with sealing screw)
	IP69 (ISO 20653:2013-02)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

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## Mechanical properties

### Mechanical data

Locking type	Nut
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## Mounting

Assembly note	M4 locking screw, slotted hexagon head screw (wrench size 7), tightening torque: 1 Nm. The seal of the pin contact insert should be removed. Max. thread length of the screw connection: 6 mm
	Mount contact insert with sealing screw in the housing

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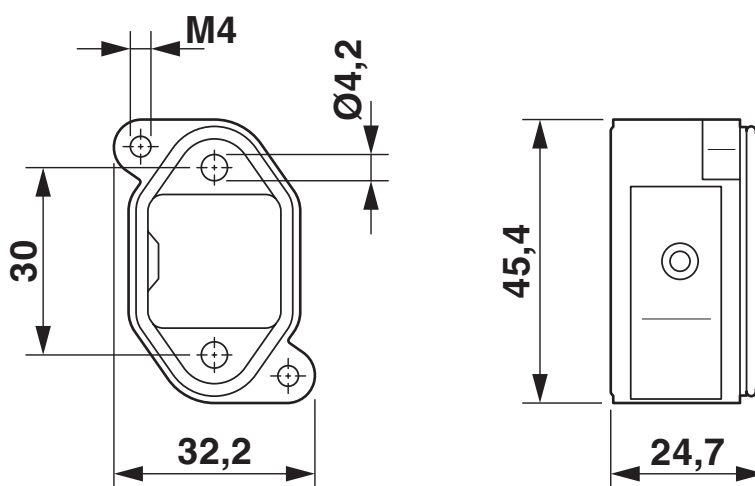
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424637>

### DNV

Approval ID: TAE000037S



### EAC

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

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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