

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

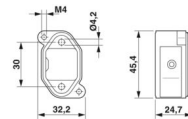
Notes

General	for contact inserts HC-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

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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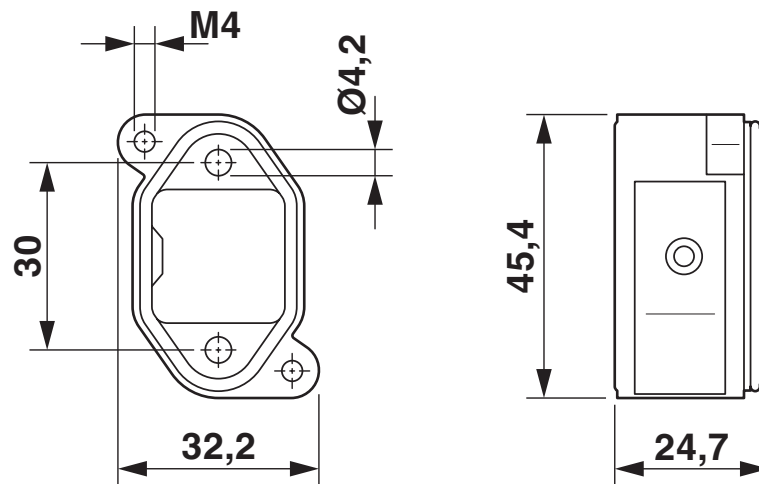
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Drawings

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

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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

HC-HPR-D07-BCSWH-EM-BK - Protective cover

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Protective cover D7, with screw locking, material: Zinc die-cast, protective cover material: Zinc, height: 28.5 mm, cable gland: none, seal: no, Railway applications, for increased environmental and EMC requirements, Series HPR

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

0830995

<https://www.phoenixcontact.com/us/products/0830995>

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



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