HC-HPR-D07-HLWH-1TTM20-EM-BK - Housing

1424638

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Sleeve housing D7, with screw locking, material: Die-cast zinc, cable outlets: 1, straight, 1x M20, height: 54.9 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	1424638
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF60
Product key	AF7AAJ
GTIN	4055626375670
Weight per piece (including packing)	82.2 g
Weight per piece (excluding packing)	79 g
Customs tariff number	85389099
Country of origin	CN

Technical data

Notes

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

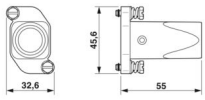
Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Series	HPR-D7
Application	Railway applications
Type	D7
No. of cable outlets	1
Type of the screw connection	1x M20
Protective cover	no
Shielded	yes
Cable outlet	straight
Pg screw connection	none

Connection data

Tightening torque	1 Nm (Locking screw)

Dimensions

Dimensional drawing	
Width	32.4 mm
Height	54.9 mm
Length	45.5 mm

Material specifications

Housing material	Die-cast zinc
Housing surface material	Powder-coated, black
Locking latch material	Stainless steel

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

Mechanical properties

Mechanical data

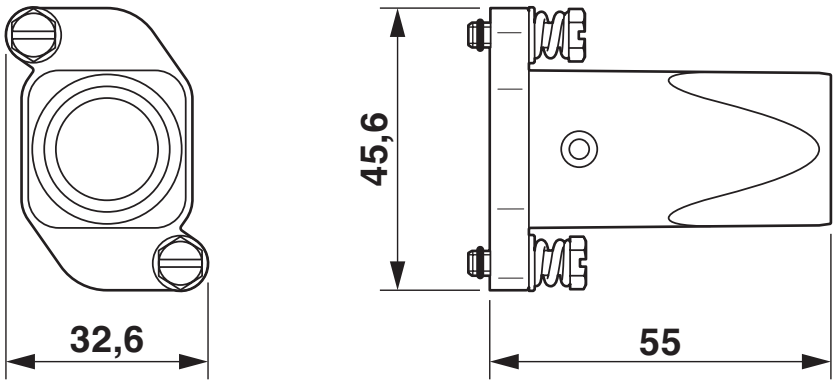
Type of the screw connection	1x M20
Locking type	Screw

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

Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424638

DNV
Approval ID: TAE000037S

Classifications

ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

ETIM

ETIM 10.0	EC000437

UNSPSC

UNSPSC 21.0	31261500

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	4.786 kg CO2e

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