HC-HPR-D07-SHFH-1SSM20-EMR-BK - Housing

1424641

https://www.phoenixcontact.com/us/products/1424641

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Surface mounting housing D7, For screw locking, material: Die-cast zinc, cable outlets: 1, straight, 1x M20, height: 41.5 mm, cable gland: none, protective cover: no, Railway applications, for increased environmental and EMC requirements, HPR series, enclosed floor

Your advantages

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

Commercial data

Item number	1424641
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF60
Product key	AF7AAJ
GTIN	4055626375694
Weight per piece (including packing)	138.2 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85389099
Country of origin	CN

Technical data

Notes

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

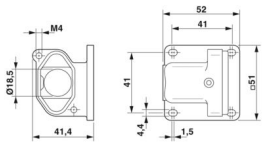
Product properties

Product type	Housing with screw locking
Housing type	Surface mounting housing
Product family	HC-STA-D07
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	0.8 Nm ... 1.2 Nm (for M4 mounting screws on the surface-mount housing)

Dimensions

Dimensional drawing	
Width	51 mm
Height	41.5 mm
Length	52 mm
Hole diameter	4.4 mm

Material specifications

Material grommet GRP	NBR (Profile gasket (O-ring))
	NBR
Housing material	Die-cast zinc
Housing surface material	Powder-coated, black

Environmental and real-life conditions

Ambient conditions	
	IP66 (with sealing screw)

Degree of protection	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

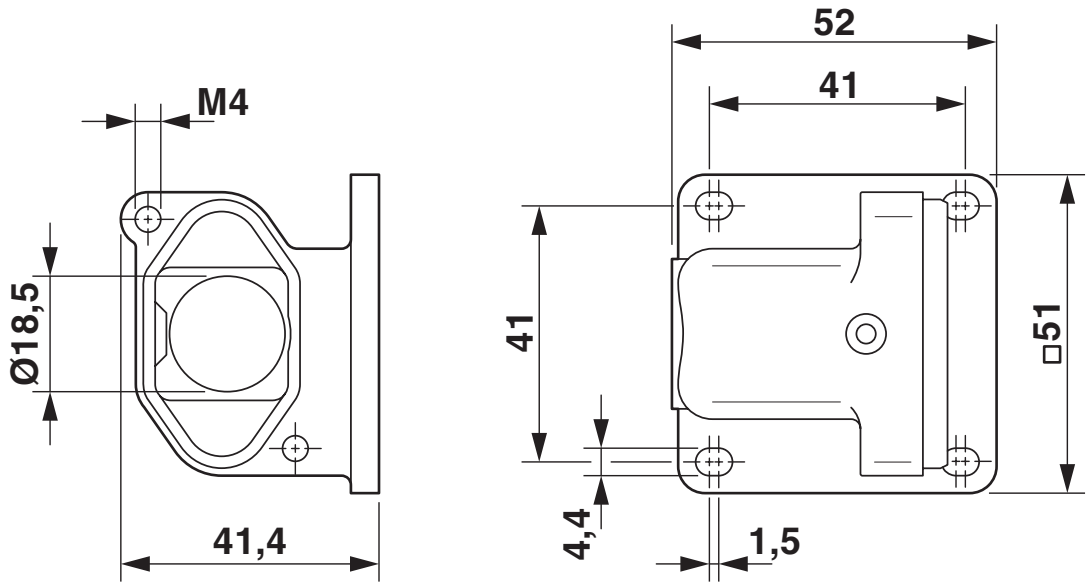
Type of the screw connection	1x M20
Locking type	Nut

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

Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424641

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	5.436 kg CO2e

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