INDUSTRIAL COMPONENT DATA

HC-HPR-D07-SHFH-1SSM20-EMR-BK 1424641 PHOENIX CONTACT Housing

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-HPR-D07-SHFH-1SSM20-EMR-BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-HPR-D07-SHFH-1SSM20-EMR-BK
Catalog number	1424641
Category	Housing for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-E72D04BEFE
Generated	2026-11-18

Product Overview

Housing
D7 socket housing, for screw locking, material: Zinc die-cast, cable outlets: 1, side, 1x M20, height: 41.5 mm, cable gland: without, protective cap: no, Railway applications, for high EMC and environmental requirements, HPR series, closed base

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial plug-in connectors/interfaces

Additional Product Information

Key Commercial Data
Orderkey 1424641
Packing unit 1 pc
GTIN 4055626375694
Weight per Piece (excluding packing) 22.220 g
Custom tariff number 85389099
Country of origin CN (China)
Dimensions
Height 41.5 mm
Width 51 mm
Length 52 mm
Ambient conditions
Degree of protection of housing (IP) IP66 (with sealing screw)

IP68 (0.4 bar / 30 min. with sealing screw)
IP69K (ISO 20653:2013-02)
Ambient temperature (operation) -40 °C ... 125 °C
General
Note for contact insertsHC-D7, D8, A3, A4, HS2-D7,Q5, Q7
Size D7
Housing type Box mounting bases
Color black
No. of cable outlets 1
Cable outlet lateral
Screw connection none
Type of the screw connection 1x M20
Protective cover no
Material Zinc die-cast
Housing material Zinc die-cast
Housing surface material Powder-coated, black
Assembly instructions 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
Connection Mount contact insert with sealing screw in the housing
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 5.127261200eCl@ss 6.027261200eCl@ss 7.027440202eCl@ss 8.027440202eCl@ss 9.027440202
ETIM 5.0EC000437ETIM 6.0EC000437

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-HPR-D07-SHFH-1SSM20-EMR-BK with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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