

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-343C017770
Generated	2026-08-05

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 inserts HC-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

ETIM for 1424641 Connectors (EC000437)

Feature Name

Feature Value

Width (EF000008)

51 mm

Height (EF000040)

41.5 mm

Depth (EF000049)

52 mm

Type of housing (EF006980...

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.