

INDUSTRIAL COMPONENT DATA

HC-HPR-D07-HLWH-1TTM20-EM-BK 1424638 PHOENIX CONTACT Housing

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-HPR-D07-HLWH-1TTM20-EM-BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-HPR-D07-HLWH-1TTM20-EM-BK
Catalog number	1424638
Category	Housing for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-E6EC1665F5
Generated	2026-08-02

Product Overview

Housing

D7 overhead housing, with screw lock, material: Zinc die-cast, cable outlets: 1, straight, 1x M20, height: 54.9 mm, cable gland: without, protective cap: no, Railway applications, for high environmental and EMC requirements, HPR series

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 1424638

Packing unit 1 pc

GTIN 4055626375670

Weight per Piece (excluding packing) 79.000 g

Custom tariff number 85389099

Country of origin CN (China)

Dimensions

Height 54.9 mm

Width 32.4 mm

Length 45.5 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, Q12

Size D7

Housing type Sleeve housing

Color black

Locking type with hexagonal slotted-head screw

Torque 1 Nm (Locking screw)

No. of cable outlets 1

Cable outlet straight

Screw connection none

Type of the screw connection 1x M20

Material Zinc die-cast

Housing material Zinc die-cast

Housing surface material Powder-coated, black

Material of locking screw Stainless steel

Assembly instructions M4 locking screw, slotted hexagon head screw (wrench size 7), tightening torque: 1 Nm

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 1424638 Connectors (EC000437)

Feature Name

Feature Value

Width (EF000008)

32.4 mm

Height (EF000040)

54.9 mm

Depth (EF000049)

45.5 mm

Type of housing (EF006...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-HPR-D07-HLWH-1TTM20-EM-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.