

## INDUSTRIAL COMPONENT DATA

# HC-ADV-B10-HLWH-1STM20-MF-BK 1420910 PHOENIX CONTACT Housing

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-ADV-B10-HLWH-1STM20-MF-BK



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | PHOENIX CONTACT                    |
| MPN / Reference | HC-ADV-B10-HLWH-1STM20-MF-BK       |
| Catalog number  | 1420910                            |
| Category        | Housing for rectangular connectors |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-263EAC14F5                      |
| Generated       | 2026-08-06                         |

## Product Overview

### Housing

B10 aerial housing, with screw lock, material: Die-cast aluminium, seawater resistant, cable outlets: 1, side, 1x M20, height: 74 mm, cable gland: without, increased environmental requirements

Sleeve housing B10, with screw locking, material: Die-cast aluminum, salt water resistant, cable outlets: 1, lateral, 1x M20, height: 74 mm, cable gland: none, increased environmental requirements

## 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

Technical dataNotesGeneral For contact inserts HC-B10, BB18, DD42, M, K8/24

Product propertiesProduct type Housing with screw locking

Housing type Sleeve housing

Product family HC-ADV

Application increased environmental requirements

Type B10

No. of cable outlets 1

Type of the screw connection 1x M20

Type Low design

Fixing screws M6 (screw head: 5 mm Allen screw)

Shielded no

Cable outlet lateral  
Pg screw connection none  
Data management status  
Article revision 01  
Connection data Tightening torque 3 Nm ... 5 Nm (for M6 mounting screws on the sleeve housing)  
Dimensions Dimensional drawing  
Width 57 mm  
Height 74 mm  
Length 105 mm  
Installation dimensions  
Width of the assembly cutout 35 mm  
Length of the assembly cutout 65 mm  
Material specifications Seal material Viton  
Housing material Die-cast aluminum, salt water resistant  
Housing surface material Powder-coated, black  
Locking latch material Stainless steel  
Environmental and real-life conditions Ambient conditions  
Degree of protection IP66  
IP68 (0.2 bar/24 h)  
IP69 (ISO 20653:2013-02)  
Enclosure rating (NEMA) 4 (UL 50e)  
4X (UL 50e)  
12 (UL 50e)  
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 Fixing screws M6 (screw head: 5 mm Allen screw)  
ETIM for 1420910 Connectors (EC000437)  
Feature Name  
Feature Value  
Width (EF000008)  
57 mm  
Height (EF000040)  
74 mm  
Depth (EF000049)  
105 mm  
Type of housing (EF006980)  
Plug case  
Housing ma...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-ADV-B10-HLWH-1STM20-MF-BK with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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