

HDC 10B AZO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Version	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	1901700000
Type	HDC 10B AZO
GTIN (EAN)	4032248592937
Qty.	1 pc(s).

HDC 10B AZO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	95 mm	Depth (inches)	3.74 inch
Height	29.3 mm	Height (inches)	1.154 inch
Width	58.5 mm	Width (inches)	2.303 inch
Mounting dimension - height	32 mm	Mounting dimension - width	83 mm
Net weight	82 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
-------------------	-------------------

Dimensions

Height of base B1	5.3 mm	Height of housing B	29.25 mm
Hole pitch length A2	83 mm	Total length housing	73 mm
Width base C1	47 mm	Width housing C	43 mm

General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection degree	IP65 (in plugged condition)
Surface finish	Powder coating		

Version

BG	4	Clamp version	Central-locking clamp
Colour (RAL)	RAL 7035	Design	Standard
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on lower side
Sealing	NBR	Size	4
Suitable for ModuPlug®	Yes	Top part/bottom part/lid	lower part
Type	Bulkhead (feed-through)		

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ECLASS 9.0	27-44-02-02
ECLASS 9.1	27-44-02-02	ECLASS 10.0	27-44-02-02
ECLASS 11.0	27-44-02-02	ECLASS 12.0	27-44-02-02

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel
Chemical resistance	Resistant
Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil
Chemical resistance	Resistant

Creation date March 3, 2023 11:36:30 AM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

2

HDC 10B AZO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Substance	Hydraulic oil
Chemical resistance	Resistant
Substance	Coolant
Chemical resistance	Resistant
Substance	Petroleum benzine
Chemical resistance	Resistant
Substance	Sweat
Chemical resistance	Resistant
Substance	Premium gasoline
Chemical resistance	Conditionally resistant
Substance	Water
Chemical resistance	Resistant
Substance	UV
Chemical resistance	Unstable
Substance	Ozone
Chemical resistance	Unstable

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@4af618aa de.myview.objectmodel.impl.BlockImpl@6b85ec03 de.myview.objectmodel.impl.BlockImpl@6fc183a9 de.myview.objectmodel.impl.BlockImpl@37d689ef de.myview.objectmodel.impl.BlockImpl@4d1ff4f7 de.myview.objectmodel.impl.BlockImpl@93efca3 de.myview.objectmodel.impl.BlockImpl@6a01eae6 de.myview.objectmodel.impl.BlockImpl@691b9fb8 de.myview.objectmodel.impl.BlockImpl@5b916620 de.myview.objectmodel.impl.BlockImpl@25b45215 de.myview.objectmodel.impl.BlockImpl@4007ca9f de.myview.objectmodel.impl.BlockImpl@75547b78 de.myview.objectmodel.impl.BlockImpl@2524a394

Important note

Product information When mounting the housings, make sure that the flat gasket is correctly seated.

Approvals

Approvals



ROHS Conform

Downloads

Engineering Data	CAD data – STEP
Engineering Data	WSCAD
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

Creation date March 3, 2023 11:36:30 AM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

Data sheet

HDC 10B AZO

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

