

HDC 32B ALU**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP65**

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: 10, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard
Order No.	1219500000
Type	HDC 32B ALU
GTIN (EAN)	4008190011826
Qty.	1 pc(s).

HDC 32B ALU

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	126.6 mm	Depth (inches)	4.984 inch
Height	38 mm	Height (inches)	1.496 inch
Width	120 mm	Width (inches)	4.724 inch
Mounting dimension - height	65 mm	Mounting dimension - width	110 mm
Net weight	251 g		

Temperatures

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

Dimensions

Height of base B1	7 mm	Height of housing B	38 mm
Hole pitch length A2	110 mm	Total length housing	94 mm
Width base C1	89 mm	Width housing C	82.5 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	Tightening torque	2 Nm

Version

BG	10	Clamp version	End-locking clamp
Colour (RAL)	RAL 7035	Design	Standard
Design of housing	Bulkhead housing	Design of locking system	End-locking clamp, lower side
Sealing	NBR	Size	10
Suitable for ModuPlug®	Yes	Tightening torque	2 Nm
Top part/bottom part/lid	lower part	Type	Bulkhead (feed-through)

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	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
ECLASS 13.0	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	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

HDC 32B ALU

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Substance	Transmission oil
Chemical resistance	Resistant
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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@414a793d de.myview.objectmodel.impl.BlockImpl@49f2f7ae de.myview.objectmodel.impl.BlockImpl@5dd6487c de.myview.objectmodel.impl.BlockImpl@4c48beb6 de.myview.objectmodel.impl.BlockImpl@5ed9b593 de.myview.objectmodel.impl.BlockImpl@486661 de.myview.objectmodel.impl.BlockImpl@6fb25bbc de.myview.objectmodel.impl.BlockImpl@6686e5f2 de.myview.objectmodel.impl.BlockImpl@75e0a19c de.myview.objectmodel.impl.BlockImpl@36d8aa2f de.myview.objectmodel.impl.BlockImpl@4b4a68f3 de.myview.objectmodel.impl.BlockImpl@1a32bd1d de.myview.objectmodel.impl.BlockImpl@6a2e0386

Important note

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

Approvals

Approvals	
Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

HDC 32B ALU

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Downloads

Approval/Certificate/Document of Con-
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1219500000 HDC_32B_ALU_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

HDC 32B ALU

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

www.weidmueller.com

Drawings

