

HDC 24B ABU N**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: 8, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	2488600000
Type	HDC 24B ABU N
GTIN (EAN)	4050118541533
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	29.5 mm	Height (inches)	1.161 inch
Width	57 mm	Width (inches)	2.244 inch
Mounting dimension - height	32 mm	Mounting dimension - width	130 mm
Net weight	124.96 g		

Temperatures

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

Height of housing B	30 mm	Hole pitch length A2	130 mm
Total length housing	120 mm	Width housing C	43 mm

General data

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

Version

BG	8	Clamp version	Side-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	8
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	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
Substance	Transmission oil
Chemical resistance	Resistant

Creation date May 16, 2025 3:36:16 AM CEST

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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	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@50f0815 de.myview.objectmodel.impl.BlockImpl@1674d8c5 de.myview.objectmodel.impl.BlockImpl@3593be1a de.myview.objectmodel.impl.BlockImpl@369134ff de.myview.objectmodel.impl.BlockImpl@4b23cd98 de.myview.objectmodel.impl.BlockImpl@7b2186c9 de.myview.objectmodel.impl.BlockImpl@536a94d9 de.myview.objectmodel.impl.BlockImpl@6c637487 de.myview.objectmodel.impl.BlockImpl@39792b9e de.myview.objectmodel.impl.BlockImpl@4e99e5b6 de.myview.objectmodel.impl.BlockImpl@49d27ce0 de.myview.objectmodel.impl.BlockImpl@3ee2ee11 de.myview.objectmodel.impl.BlockImpl@4eb71788

Important note

Product information	When mounting the housings, make sure that the flat gasket is correctly seated.
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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. (cULus)	E92202

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Technical data

Downloads

Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	Customer drawing
Catalogues	Catalogues in PDF-format