

HDC 16B 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: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	2488590000
Type	HDC 16B ABU N
GTIN (EAN)	4050118541526
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	29 mm	Height (inches)	1.142 inch
Width	57 mm	Width (inches)	2.244 inch
Mounting dimension - height	32 mm	Mounting dimension - width	103 mm
Net weight	122 g		

Temperatures

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

Height of housing B	29 mm
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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	6	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	6
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

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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@3023d294 de.myview.objectmodel.impl.BlockImpl@77a2a299 de.myview.objectmodel.impl.BlockImpl@2ffa55ef de.myview.objectmodel.impl.BlockImpl@46ce6184 de.myview.objectmodel.impl.BlockImpl@68d7bcbb de.myview.objectmodel.impl.BlockImpl@a036d52 de.myview.objectmodel.impl.BlockImpl@772b14d0 de.myview.objectmodel.impl.BlockImpl@425c99f0 de.myview.objectmodel.impl.BlockImpl@17bbd764 de.myview.objectmodel.impl.BlockImpl@6c3413c de.myview.objectmodel.impl.BlockImpl@296158a0 de.myview.objectmodel.impl.BlockImpl@fd4d765 de.myview.objectmodel.impl.BlockImpl@461d210c

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. (cURus)	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