

HDC 32A ABU**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: 7, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	1665860000
Type	HDC 32A ABU
GTIN (EAN)	4008190871253
Qty.	1 pièce(s)

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Caractéristiques techniques

Dimensions and weights

Height	30 mm	Height (inches)	1,181 inch
Width	60,5 mm	Width (inches)	2,382 inch
Mounting dimension - height	42 mm	Mounting dimension - width	92 mm
Net weight	175 g		

Temperatures

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

Height of base B1	7 mm	Height of housing B	30 mm
Hole pitch length A2	92 mm	Total length housing	82 mm
Width base C1	60,5 mm	Width housing C	56 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	1,2 Nm

Version

BG	7	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	7
Suitable for ModuPlug®	No	Tightening torque	1,2 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
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		

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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Niveau du catalogue 26.11.2024 / Toutes modifications techniques réservées

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Caractéristiques techniques

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 with exemption
RoHS Exemption (if applicable/known)	6bl
REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@6a683c38 de.myview.objectmodel.impl.BlockImpl@22bead96 de.myview.objectmodel.impl.BlockImpl@3a66cccd de.myview.objectmodel.impl.BlockImpl@190345f6 de.myview.objectmodel.impl.BlockImpl@32a13312 de.myview.objectmodel.impl.BlockImpl@6524facd de.myview.objectmodel.impl.BlockImpl@69a85200 de.myview.objectmodel.impl.BlockImpl@6a879636 de.myview.objectmodel.impl.BlockImpl@518511d7 de.myview.objectmodel.impl.BlockImpl@13356bb8 de.myview.objectmodel.impl.BlockImpl@38a6138c de.myview.objectmodel.impl.BlockImpl@6e460488 de.myview.objectmodel.impl.BlockImpl@17b4bb3e

Important note

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

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

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Caractéristiques techniques

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – 1665860000_HDC_32A_ABU_STP.dxf CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1665860000_HDC_32A_ABU_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN