

HDC 10B ABO

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 upper side, Standard
Order No.	1052430000
Type	HDC 10B ABO
GTIN (EAN)	4032248794218
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	25 mm	Height (inches)	0.984 inch
Width	58.5 mm	Width (inches)	2.303 inch
Net weight	73 g		

Temperatures

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

Height of housing B	29 mm	Width housing C	43 mm
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General data

EMC housings	No	Housing main material	diecast aluminium
Protection degree	IP65 (in plugged condition)		

Version

BG	4	Colour (RAL)	RAL 7035
Cover	without cover	Design	Standard
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on upper side
Sealing	NBR	Size	4
Suitable for ModuPlug®	Yes	Top part/bottom part/lid	lower part

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
Substance	Hydraulic oil
Chemical resistance	Resistant
Substance	Coolant
Chemical resistance	Resistant

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Technical data

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@741b0d89 de.myview.objectmodel.impl.BlockImpl@36de7121 de.myview.objectmodel.impl.BlockImpl@780fab20 de.myview.objectmodel.impl.BlockImpl@192ea25a de.myview.objectmodel.impl.BlockImpl@357583b3 de.myview.objectmodel.impl.BlockImpl@7067bb45 de.myview.objectmodel.impl.BlockImpl@753458c2 de.myview.objectmodel.impl.BlockImpl@19e4084c de.myview.objectmodel.impl.BlockImpl@9578d8 de.myview.objectmodel.impl.BlockImpl@4de5561c de.myview.objectmodel.impl.BlockImpl@1a40f52a de.myview.objectmodel.impl.BlockImpl@23df2846 de.myview.objectmodel.impl.BlockImpl@827d75d

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
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Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

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Drawings

