HDC 10A ADLU

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: 2, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, with cover
Order No.	1664060000
Type	HDC 10A ADLU
GTIN (EAN)	4008190420758
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	84 mm	Depth (inches)	3.307 inch
Height	37.5 mm	Height (inches)	1.476 inch
Width	75.9 mm	Width (inches)	2.988 inch
Mounting dimension - height	17.5 mm	Mounting dimension - width	70 mm
Net weight	139 g		

Temperatures

Limit temperature	-40 °C ... 125 °C

Dimensions

Height of base B1	5 mm	Height of housing B	37.5 mm
Hole pitch length A2	70 mm	Total length housing	63 mm
Width base C1	32 mm	Width housing C	29.5 mm

General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection class note	Protection class with secured cover: IP 65
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating
Tightening torque	0.5 Nm		

Version

BG	2	Clamp version	End-locking clamp
Colour (RAL)	RAL 7035	Cover	with cover
Design	Standard	Design of cover	with cover
Design of housing	Bulkhead housing	Design of locking system	End-locking clamp, lower side
Sealing	NBR	Size	2
Suitable for ModuPlug®	No	Tightening torque	0.5 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

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel
Chemical resistance	Resistant
Substance	Ethyl alcohol
Chemical resistance	Resistant

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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

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@1d458831 de.myview.objectmodel.impl.BlockImpl@39dd1510 de.myview.objectmodel.impl.BlockImpl@2c8fe0d9 de.myview.objectmodel.impl.BlockImpl@439e1ca3 de.myview.objectmodel.impl.BlockImpl@722b00e1 de.myview.objectmodel.impl.BlockImpl@238fee21 de.myview.objectmodel.impl.BlockImpl@70555ba1 de.myview.objectmodel.impl.BlockImpl@431d3a0c de.myview.objectmodel.impl.BlockImpl@691b0686 de.myview.objectmodel.impl.BlockImpl@35390362 de.myview.objectmodel.impl.BlockImpl@6febde37 de.myview.objectmodel.impl.BlockImpl@450c449c de.myview.objectmodel.impl.BlockImpl@7412558d

Important note

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

Approvals

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

Creation date March 12, 2024 6:09:45 PM CET

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Technical data

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
Technical Documentation	1664060000_HDC_10A_ADLU_STP_Blatt__1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings

