

HDC 10A ALU SL**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, Installation size: 2, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, Standard
Order No.	1021450000
Type	HDC 10A ALU SL
GTIN (EAN)	4032248734962
Qty.	1 items

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Technical data

Approvals

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ROHS

Conform

Dimensions and weights

Depth	84 mm	Depth (inches)	3.3071 inch
Height	26 mm	Height (inches)	1.0236 inch
Width	52.5 mm	Width (inches)	2.0669 inch
Mounting dimension - height	17.5 mm	Mounting dimension - width	70 mm
Net weight	69 g		

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

Chemical resistance	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
	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

Dimensions

Hole pitch length A2	70 mm	Width housing C	29.5 mm
Width base C1	33 mm	Total length housing	63 mm
Height of housing B	26 mm	Height of base B1	5 mm

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Tightening torque	0.5 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP65, in plugged condition
EMC housings	No	Material of locking element	Stainless steel, rust-proof

Version

Top part/bottom part/lid	lower part	Tightening torque	0.5 Nm
Design of housing	Bulkhead housing	Design of locking system	End-locking clamp, lower side
Design	Standard	Installation size	2
Type	Bulkhead (feed-through)	Clamp version	End-locking clamp
Sealing	NBR	Colour (RAL)	RAL 7035
BG	2	Suitable for ModuPlug®	No

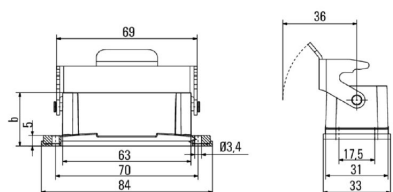
Important note

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

Drawings



HDC 10A ALU SL**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
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Germanywww.weidmueller.com**Accessories****Cover**

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General ordering data

Type	HDC 10A DMDL 2BO	Version
Order No.	1665880000	HDC enclosures, Installation size: 2, Protection degree: IP65, in
GTIN (EAN)	4008190422912	plugged condition, Cover for lower part of housing, End-locking
Qty.	1 ST	clamp, lower side, Standard