

HDC 07A ALU BLK

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 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, Installation size: 1, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	2088980000
Type	HDC 07A ALU BLK
GTIN (EAN)	4050118420876
Qty.	1 items

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Technical data

Approvals

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RoHS Conform

Dimensions and weights

Depth	60.5 mm	Depth (inches)	2.3819 inch
Height	47.3 mm	Height (inches)	1.8622 inch
Width	36.5 mm	Width (inches)	1.437 inch
Mounting dimension - width	30 mm	Net weight	15.84 g

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310
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	30 mm	Cable entry	No
Width housing C	24.2 mm	Width base C1	30 mm
Total length housing	25.2 mm	Height of housing B	23 mm
Height of base B1	3 mm		

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Technical data**General data**

Tightening torque	0.5 Nm	UL 94 flammability rating	V-0
Housing main material	Plastic	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	Cover	without cover
Tightening torque	0.5 Nm	Number of cable entry sideways	0
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on lower side
Design	Standard	Installation size	1
Cable entry	No	Type	Bulkhead (feed-through)
Clamp version	Side-locking clamp	Sealing	NBR
Colour (RAL)	RAL 9011	BG	1
Suitable for ModuPlug®	No		

Important note

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

Classifications

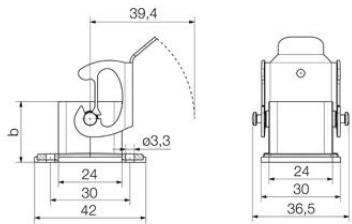
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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Drawings

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Accessories

Cover



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General ordering data

Type	HDC 07A DODL 2BO	Version
Order No.	1665760000	HDC enclosures, Installation size: 1, Protection degree: IP65, in
GTIN (EAN)	4008190422783	plugged condition, Cover for lower part of housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard
Type	HDC 07A DMDL 2BO	Version
Order No.	1665770000	HDC enclosures, Installation size: 1, Protection degree: IP65, in
GTIN (EAN)	4008190422790	plugged condition, Cover for lower part of housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard