

HDC 32A ADBO

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: 7, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: none
Order No.	1666440000
Type	HDC 32A ADBO
GTIN (EAN)	4008190871260
Qty.	1 items

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Technical data

Approvals

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

Dimensions and weights

Depth	104 mm	Depth (inches)	4.0945 inch
Height	46.4 mm	Height (inches)	1.8268 inch
Width	89 mm	Width (inches)	3.5039 inch
Mounting dimension - height	42 mm	Mounting dimension - width	92 mm
Net weight	178 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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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	92 mm	Cable entry	No
Width housing C	56 mm	Width base C1	60.5 mm

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Total length housing	82 mm	Height of housing B	30 mm
Height of base B1	7 mm		

General data

Tightening torque	1.2 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP65, in plugged condition
Protection class note	Protection class for this version of cover: IP20	EMC housings	No
Material of locking element	Stainless steel, rust-proof		

Version

Size of cable entries	none	Top part/bottom part/lid	lower part
Cover	without cover	Tightening torque	1.2 Nm
Number of cable entry sideways	0	Design of cover	with cover
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on upper side
Design	Standard	Installation size	7
Cable entry	No	Type	Bulkhead (feed-through)
Clamp version	Side-locking clamp	Sealing	NBR
Colour (RAL)	RAL 7035	BG	7
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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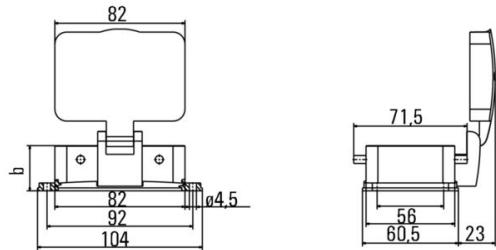
Classifications

ETIM 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

Hood, Cable Entry at top



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General ordering data

Type	HDC 32A TOBO 1M32G	Version
Order No.	1788010000	HDC enclosures, Installation size: 7, Protection degree: IP65, in
GTIN (EAN)	4032248205455	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: M 32

Hood, Cable Entry sideways



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General ordering data

Type	HDC 32A TSBO 1M25G	Version
Order No.	1787980000	HDC enclosures, Installation size: 7, Protection degree: IP65, in
GTIN (EAN)	4032248205424	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: M 25
Type	HDC 32A TSBO 1M32G	Version
Order No.	1787970000	HDC enclosures, Installation size: 7, Protection degree: IP65, in
GTIN (EAN)	4032248205417	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: M 32

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Accessories

Type	HDC 32A TSBO 1PG29G	Version
Order No.	1666270000	HDC enclosures, Installation size: 7, Protection degree: IP65, in
GTIN (EAN)	4008190423315	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: PG 29