

HDC 10B ABU**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 lower side, Side-locking clamp not replaceable, Standard
Order No.	1205000000
Type	HDC 10B ABU
GTIN (EAN)	4008190872960
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	29.3 mm	Height (inches)	1.154 inch
Mounting dimension - height	32 mm	Mounting dimension - width	83 mm
Net weight	146 g	Width	55 mm
Width (inches)	2.165 inch		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3		
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

Height of base B1	5.3 mm	Height of housing B	29.5 mm
Hole pitch length A2	83 mm	Total length housing	73 mm
Width base C1	47 mm	Width housing C	43 mm

General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection degree	IP65 (in plugged condition)
Surface finish	Powder coating	Tightening torque	1.2 Nm

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Technical data**Version**

Clamp version	Side-locking clamp	Design	Standard
Design of housing		Design of locking system	Side-locking clamp on lower side, Side-locking clamp not replaceable
	Bulkhead housing		
Sealing	NBR	Size	4
Suitable for ModuPlug®	Yes	Tightening torque	1.2 Nm
Top part/bottom part/lid	lower part	Type	Bulkhead (feed-through)

Classifications

ETIM 6.0	EC000437	ETIM 7.0	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

Approvals

Approvals



ROHS Conform

UL File Number Search E92202

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Technical Documentation	1205000000 HDC 10B ABU STP Blatt 1.pdf

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Drawings

