

HDC enclosures HDC 16B ABU

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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

Type	HDC 16B ABU
Order No.	1208600000
Version	HDC enclosures, Size: 6, Protection degree: IP65, IP65 (in plugged condition), Open base, Side-locking clamp on lower side, Side-locking clamp not replaceable, Standard
GTIN (EAN)	4008190881351
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Width	55 mm	Width (inches)	2.165 inch
Height	29 mm	Height (inches)	1.142 inch
Mounting dimension - width	103 mm	Mounting dimension - height	32 mm
Net weight	159 g		

Temperatures

Limit temperature -40 °C ... 125 °C

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 mm
Hole pitch length A2	103 mm	Total length housing	93.3 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, IP65 (in plugged condition)
Surface finish		Powder coating	Tightening torque

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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
	Open base		
Sealing	NBR	Size	6
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	UNSPSC	30-21-18-01

Approvals

Approvals



ROHS

Conform

Downloads

Brochure/Catalogue	CAT 3 HDC 17/18 EN FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
Technical Documentation	1208600000 HDC 16B ABU STP Blatt_1.pdf

Data sheet**HDC enclosures
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Drawings