# **HDC 48B ALU**



#### 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, Installation size: 12, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, Standard, without cover
Order No.	<u>1295600000</u>
Туре	HDC 48B ALU
GTIN (EAN)	4050118092066
Qty.	1 items

1

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# **Technical data**

# **Approvals**

Approvals C C C SUS US

ROHS	Conform
UL File Number Search	<u>UL Website</u>
Certificate No. (cURus)	E92202

# **Dimensions and weights**

Depth	168 mm	Depth (inches)	6.6142 inch
Height	42 mm	Height (inches)	1.6535 inch
Width	97 mm	Width (inches)	3.8189 inch
Net weight	506.6 g		

#### **Temperatures**

Limit temperature -40 °C ... 125 °C

#### **Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption	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	148 mm	Width housing C	90 mm
Width base C1	97 mm	Total length housing	132 mm
Height of housing B	42 mm	Height of base B1	7 mm

Creation date 29.11.2025 05:42:13 MEZ

Catalogue status / Drawings 2



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# **Technical data**

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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 with secured cover: IP 65	EMC housings	No
Material of locking element	Stainless steel, rust-proof		

# Version

Top part/bottom part/lid	lower part	Cover	without cover
Tightening torque	1.2 Nm	Design of cover	without cover
Design of housing	Bulkhead housing	Design of locking system	End-locking clamp, lower side
Design	Standard	Installation size	12
Туре	Bulkhead (feed-through)	Clamp version	End-locking clamp
Sealing	NBR	Colour (RAL)	RAL 7035
BG	12	Suitable for ModuPlug®	Yes

# Important note

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

# 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		

Catalogue status / Drawings