

HDC 48B ALU

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: 12, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, Standard, without cover
Order No.	1295600000
Type	HDC 48B ALU
GTIN (EAN)	4050118092066
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	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	
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	Cable entry	No
Width housing C	90 mm	Width base C1	97 mm

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Total length housing	132 mm	Height of housing B	42 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 with secured cover: IP 65	EMC housings	No
Material of locking element	Stainless steel, rust-proof		

Version

Number of cable glands	0	Top part/bottom part/lid	lower part
Cover	without cover	Tightening torque	1.2 Nm
Number of cable entry sideways	0	Design of cover	without cover
Design of housing	Bulkhead housing	Design of locking system	End-locking clamp, lower side
Design	Standard	Installation size	12
Cable entry	No	Type	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.
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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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Accessories



Hood, Cable Entry at top

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General ordering data

Type	HDC 48B TOLU 1PG29G	Version
Order No.	1650980000	HDC enclosures, Installation size: 12, Protection degree: IP65, in
GTIN (EAN)	4008190299606	plugged condition, Cable entry from top, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: PG 29
Type	HDC 48B TOLU 1PG36G	Version
Order No.	1651000000	HDC enclosures, Installation size: 12, Protection degree: IP65, in
GTIN (EAN)	4008190299620	plugged condition, Cable entry from top, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: PG 36
Type	HDC 48B TOLU 1M50G	Version
Order No.	1788330000	HDC enclosures, Installation size: 12, Protection degree: IP65, in
GTIN (EAN)	4032248205868	plugged condition, Cable entry from top, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: M 50
Type	HDC 48B TOLU 1M40G	Version
Order No.	1788340000	HDC enclosures, Installation size: 12, Protection degree: IP65, in
GTIN (EAN)	4032248205875	plugged condition, Cable entry from top, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: M 40
Type	HDC 48B TOLU 1M32G	Version
Order No.	1788350000	HDC enclosures, Installation size: 12, Protection degree: IP65, in
GTIN (EAN)	4032248205882	plugged condition, Cable entry from top, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: M 32

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Hood, Cable Entry sideways

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General ordering data

Type	HDC 48B TSLU 1PG29G	Version
Order No.	1650850000	HDC enclosures, Installation size: 12, Protection degree: IP65, in
GTIN (EAN)	4008190299453	plugged condition, Cable entry from side, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: PG 29
Type	HDC 48B TSLU 1PG36G	Version
Order No.	1650860000	HDC enclosures, Installation size: 12, Protection degree: IP65, in
GTIN (EAN)	4008190299460	plugged condition, Cable entry from side, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: PG 36
Type	HDC 48B TSLU 1PG42G	Version
Order No.	1670470000	HDC enclosures, Installation size: 12, Protection degree: IP65, in
GTIN (EAN)	4008190431556	plugged condition, Cable entry from side, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: PG 42
Type	HDC 48B TSLU 1M50G	Version
Order No.	1788300000	HDC enclosures, Installation size: 12, Protection degree: IP65, in
GTIN (EAN)	4032248205837	plugged condition, Cable entry from side, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: M 50
Type	HDC 48B TSLU 1M40G	Version
Order No.	1788310000	HDC enclosures, Installation size: 12, Protection degree: IP65, in
GTIN (EAN)	4032248205844	plugged condition, Cable entry from side, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: M 40
Type	HDC 48B TSLU 1M32G	Version
Order No.	1788320000	HDC enclosures, Installation size: 12, Protection degree: IP65, in
GTIN (EAN)	4032248205851	plugged condition, Cable entry from side, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: M 32