

**HDC 48B ADLU****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**IP65**

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, with cover
Order No.	<a href="#">1222900000</a>
Type	HDC 48B ADLU
GTIN (EAN)	4008190138004
Qty.	1 items

## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

Depth	167.7 mm	Depth (inches)	6.6023 inch
Height	62 mm	Height (inches)	2.4409 inch
Width	166 mm	Width (inches)	6.5354 inch
Mounting dimension - height	70 mm	Mounting dimension - width	148 mm
Net weight	759 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	96.7 mm

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Total length housing	132 mm	Height of housing B	62 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	with 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	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.	<a href="#">1650980000</a>	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.	<a href="#">1651000000</a>	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.	<a href="#">1788330000</a>	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.	<a href="#">1788340000</a>	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.	<a href="#">1788350000</a>	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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## Accessories

## Hood, Cable Entry sideways



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## General ordering data

Type	HDC 48B TSLU 1PG29G	Version
Order No.	<a href="#">1650850000</a>	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.	<a href="#">1650860000</a>	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.	<a href="#">1670470000</a>	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.	<a href="#">1788300000</a>	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.	<a href="#">1788310000</a>	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.	<a href="#">1788320000</a>	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