

**HDC 48A TOLU 1M32G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 9, Protection degree: IP65, in plugged condition, Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32
Order No.	<a href="#">1788560000</a>
Type	HDC 48A TOLU 1M32G
GTIN (EAN)	4032248206094
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

Height	79 mm	Height (inches)	3.1102 inch
Width	82.5 mm	Width (inches)	3.248 inch
Net weight	367.84 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

Cable entry	w. thread	Width housing C	82.5 mm
Total length housing	94 mm	Height of housing B	78 mm

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**Technical data****General data**

Tightening torque	2 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP65, in plugged condition
EMC housings	No	Material of locking element	Stainless steel, rust-proof

**Version**

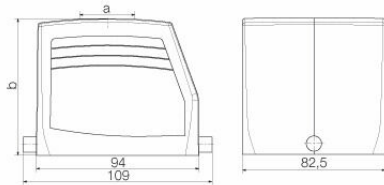
Size of cable entries	M 32	Top part/bottom part/lid	upper part
Cover	without cover	Tightening torque	2 Nm
Number of cable entry on top	1	Number of cable entry sideways	0
Design of housing	Cable entry from top, Plug housing	Design of locking system	End-locking clamp, lower side
Design	Standard	Installation size	9
Cable entry	w. thread	Type	Plug
Clamp version	End-locking clamp	Internal thread	M 32
Colour (RAL)	RAL 7035	BG	9
Suitable for ModuPlug®	No		

**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		

### HDC 48A TOLU 1M32G

## Drawings



## HDC 48A TOLU 1M32G

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## Accessories

## Base housing



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## General ordering data

Type	HDC 48A SLU 1PG29G	Version
Order No.	<a href="#">1666770000</a>	HDC enclosures, Installation size: 9, Protection degree: IP65, in
GTIN (EAN)	4008190423889	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 29
Type	HDC 48A SDLU 1PG29G	Version
Order No.	<a href="#">1666810000</a>	HDC enclosures, Installation size: 9, Protection degree: IP65, in
GTIN (EAN)	4008190423926	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, with cover, Size of cable entries: PG 29
Type	HDC 48A SLU 2M32G	Version
Order No.	<a href="#">1788570000</a>	HDC enclosures, Installation size: 9, Protection degree: IP65, in
GTIN (EAN)	4032248206100	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: M 32

## Bulkhead housing



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**Accessories****General ordering data**

Type	HDC 48A ALU	Version
Order No.	<a href="#">1666740000</a>	HDC enclosures, Installation size: 9, Protection degree: IP65, in
GTIN (EAN)	4008190423858	plugged condition, Bulkhead housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: none
Type	HDC 48A ADLU	Version
Order No.	<a href="#">1666750000</a>	HDC enclosures, Installation size: 9, Protection degree: IP65, in
GTIN (EAN)	4008190423865	plugged condition, Bulkhead housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, with cover, Size of cable entries: none