

## HDC 48B TOLU 1M40G

**Weidmüller Interfaces GmbH & Co. KG**

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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

Version	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 40
Order No.	<a href="#">1788340000</a>
Type	HDC 48B TOLU 1M40G
GTIN (EAN)	4032248205875
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	151 mm	Depth (inches)	5.945 inch
Height	94 mm	Height (inches)	3.701 inch
Width	90 mm	Width (inches)	3.543 inch
Net weight	532 g		

## Temperatures

Limit temperature	-40 °C ... 125 °C
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## Dimensions

Cable entry	w. thread	Height of housing B	94 mm
Total length housing	132 mm	Width housing C	90 mm

## General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection degree	IP65 (in plugged condition)
Surface finish	Powder coating	Tightening torque	1.2 Nm

## Version

BG	12	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Cable entry from top, Plug housing
Design of locking system	End-locking clamp, lower side	Internal thread	M 40
Number of cable entry on top	1	Number of cable entry sideways	0
Size	12	Size of cable entries	M 40
Suitable for ModuPlug®	Yes	Tightening torque	1.2 Nm
Top part/bottom part/lid	upper part	Type	Plug

## Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	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

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

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**Technical data**

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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

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

SCIP d447edfa-0214-4f34-b5ba-82eae491b46a

Chemical resistance de.myview.objectmodel.impl.BlockImpl@30cd23ca de.myview.objectmodel.impl.BlockImpl@1dfc783a  
 de.myview.objectmodel.impl.BlockImpl@55f65d62 de.myview.objectmodel.impl.BlockImpl@657989d7  
 de.myview.objectmodel.impl.BlockImpl@3c7325c1 de.myview.objectmodel.impl.BlockImpl@4230a7dd  
 de.myview.objectmodel.impl.BlockImpl@25caefb4 de.myview.objectmodel.impl.BlockImpl@c54edeb  
 de.myview.objectmodel.impl.BlockImpl@292c8c8d de.myview.objectmodel.impl.BlockImpl@6e65d83a  
 de.myview.objectmodel.impl.BlockImpl@1ca03d0d de.myview.objectmodel.impl.BlockImpl@37b0a0c7  
 de.myview.objectmodel.impl.BlockImpl@7a351a58

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[WSCAD](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)  
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)  
[FL FIELDWIRING EN](#)

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

**Data sheet**

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**Drawings**

