

## HDC 06B TOLU 1PG16G

**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, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16
Order No.	<a href="#">1652640000</a>
Type	HDC 06B TOLU 1PG16G
GTIN (EAN)	4008190402716
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Height	52 mm	Height (inches)	2.047 inch
Width	43 mm	Width (inches)	1.693 inch
Net weight	125 g		

### Temperatures

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

Cable entry	w. thread	Height of housing B	52 mm
Total length housing	60 mm	Width housing C	43 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

### Version

BG	3	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
Number of cable entry on top	1	Number of cable entry sideways	0
Size	3	Size of cable entries	PG 16
Suitable for ModuPlug®	No	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**

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@5e681e21 de.myview.objectmodel.impl.BlockImpl@43f92b7e de.myview.objectmodel.impl.BlockImpl@47fbc8f7 de.myview.objectmodel.impl.BlockImpl@113662a3 de.myview.objectmodel.impl.BlockImpl@f31efb2 de.myview.objectmodel.impl.BlockImpl@51987f1 de.myview.objectmodel.impl.BlockImpl@1c3c4bd5 de.myview.objectmodel.impl.BlockImpl@3ebd018b de.myview.objectmodel.impl.BlockImpl@3ef13591 de.myview.objectmodel.impl.BlockImpl@771e1bb1 de.myview.objectmodel.impl.BlockImpl@9028464 de.myview.objectmodel.impl.BlockImpl@5f657d96 de.myview.objectmodel.impl.BlockImpl@688f9656

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Technical Documentation	<a href="#">1652640000 HDC_06B_TOLU_1PG16G_STP_Blatt_1.pdf</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

Creation date February 28, 2023 11:52:25 AM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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**Data sheet**

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**Drawings**

