

HDC 16D TOLU 1PG29G**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 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, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 29
Order No.	1652700000
Type	HDC 16D TOLU 1PG29G
GTIN (EAN)	4008190402778
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	72 mm	Height (inches)	2.835 inch
Width	43 mm	Width (inches)	1.693 inch
Net weight	154 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	72 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		Protection degree	IP65 (in plugged condition)
Surface finish	Stainless steel, rust-proof	Tightening torque	1.2 Nm
	Powder coating		

Version

BG	3	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design		Design of housing	Cable entry from top, Plug housing
	high		
Design of locking system	End-locking clamp, lower side	Internal thread	PG 29
Number of cable entry on top	1	Number of cable entry sideways	0
Size	3	Size of cable entries	PG 29
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	ETIM 9.0	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	ECLASS 13.0	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

Creation date July 7, 2024 9:08:28 PM CEST

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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@4ac2e18a de.myview.objectmodel.impl.BlockImpl@3c6ad17b de.myview.objectmodel.impl.BlockImpl@472d25d4 de.myview.objectmodel.impl.BlockImpl@592d8dc0 de.myview.objectmodel.impl.BlockImpl@43ef9de de.myview.objectmodel.impl.BlockImpl@6eb5012b de.myview.objectmodel.impl.BlockImpl@40189aac de.myview.objectmodel.impl.BlockImpl@756e5ce2 de.myview.objectmodel.impl.BlockImpl@6edab98 de.myview.objectmodel.impl.BlockImpl@40174e37 de.myview.objectmodel.impl.BlockImpl@445e7163 de.myview.objectmodel.impl.BlockImpl@43d0ac46 de.myview.objectmodel.impl.BlockImpl@280a6ecf

Approvals

Approvals



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

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1652700000 HDC 16D TOLU 1PG29G_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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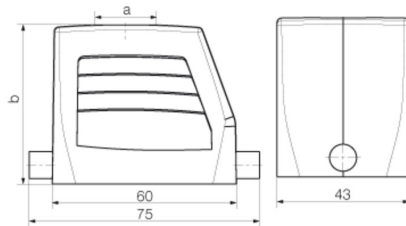
Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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Drawings



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www.weidmueller.com**Accessories****Cover**

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General ordering data

Type	HDC 06B DMDL 1LB	Version
Order No.	1665210000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, End-locking clamp, lower side, Standard
GTIN (EAN)	4008190421915	
Qty.	1 pc(s).	