

HDC 24B TOBO 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: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: PG 29
Order No.	1662020000
Type	HDC 24B TOBO 1PG29G
GTIN (EAN)	4008190418540
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Height	61 mm	Height (inches)	2.402 inch
Width	55 mm	Width (inches)	2.165 inch
Net weight	334 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	63 mm
Total length housing	120 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		
	Powder coating		

Version

BG	8	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design		Design of housing	Cable entry from top, Plug housing
	Standard		
Design of locking system	Side-locking clamp on upper side	Internal thread	PG 29
Number of cable entry on top	1	Number of cable entry sideways	0
Size	8	Size of cable entries	PG 29
Suitable for ModuPlug®	No	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
ETIM 10.0	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	ECLASS 14.0	27-44-02-02
ECLASS 15.0	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

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Technical data

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@177ad79 de.myview.objectmodel.impl.BlockImpl@7b5b7eb5 de.myview.objectmodel.impl.BlockImpl@4d64d682 de.myview.objectmodel.impl.BlockImpl@26314cbe de.myview.objectmodel.impl.BlockImpl@1a112164 de.myview.objectmodel.impl.BlockImpl@3a1f4a45 de.myview.objectmodel.impl.BlockImpl@51a45b42 de.myview.objectmodel.impl.BlockImpl@7ddcb974 de.myview.objectmodel.impl.BlockImpl@6ed5adaa de.myview.objectmodel.impl.BlockImpl@2e588f57 de.myview.objectmodel.impl.BlockImpl@5d55af95 de.myview.objectmodel.impl.BlockImpl@45daba52 de.myview.objectmodel.impl.BlockImpl@6a1f7be

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cULus)	E92202

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Technical data

Downloads

Approval/Certificate/Document of Con-
formity

[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

[1662020000 HDC_24B_TOBO_1PG29G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

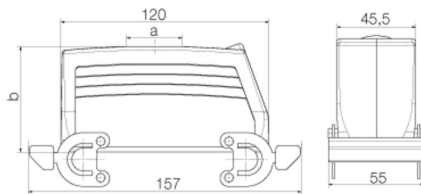
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Drawings



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

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General ordering data

Type	HDC 24B DMDQ 4BO	Version
Order No.	1665650000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on upper side, Standard
GTIN (EAN)	4008190422677	
Qty.	1 pc(s).	