

HDC 64D TOBO 1PG21G**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP65**

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, high, Size of cable entries: PG 21
Order No.	1662080000
Type	HDC 64D TOBO 1PG21G
GTIN (EAN)	4008190418601
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Height	76 mm	Height (inches)	2.992 inch
Width	55 mm	Width (inches)	2.165 inch
Net weight	358.16 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	76 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
	high		
Design of locking system	Side-locking clamp on upper side	Internal thread	PG 21
Number of cable entry on top	1	Number of cable entry sideways	0
Size	8	Size of cable entries	PG 21
Suitable for ModuPlug®	Yes	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@4d1c5840 de.myview.objectmodel.impl.BlockImpl@31b56a52 de.myview.objectmodel.impl.BlockImpl@7a57e946 de.myview.objectmodel.impl.BlockImpl@4e8de5fc de.myview.objectmodel.impl.BlockImpl@617c6a35 de.myview.objectmodel.impl.BlockImpl@7b817bb2 de.myview.objectmodel.impl.BlockImpl@3ed9b05d de.myview.objectmodel.impl.BlockImpl@1f5a107f de.myview.objectmodel.impl.BlockImpl@1df5fc63 de.myview.objectmodel.impl.BlockImpl@6dd95884 de.myview.objectmodel.impl.BlockImpl@1e71463a de.myview.objectmodel.impl.BlockImpl@51677463 de.myview.objectmodel.impl.BlockImpl@63439cc8

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. (cULRus)	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

[1662080000 HDC_64D_TOBO_1PG21G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

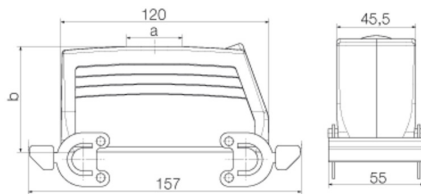
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Drawings



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Accessories

Base housing



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General ordering data

Type	HDC 64D SDBO 1PG29G	Version
Order No.	1662280000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, high, with cover, Size of cable entries: PG 29
GTIN (EAN)	4008190418809	
Qty.	1 pc(s).	
Type	HDC 24B SDBO 2PG21G	Version
Order No.	1662180000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: PG 21
GTIN (EAN)	4008190418700	
Qty.	1 pc(s).	
Type	HDC 64D SDBO 1M32G	Version
Order No.	1904400000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, high, with cover, Size of cable entries: M 32
GTIN (EAN)	4032248585236	
Qty.	1 pc(s).	
Type	HDC 64D SDBO 2M32G	Version
Order No.	1786920000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, high, with cover, Size of cable entries: M 32
GTIN (EAN)	4032248204168	
Qty.	1 pc(s).	

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Accessories

Cover



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General ordering data

Type	HDC 24B DODQ 2QB	Version
Order No.	1009100000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on upper side, Standard
GTIN (EAN)	4032248713844	
Qty.	1 pc(s).	

Bulkhead housing



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General ordering data

Type	HDC 24B ABO	Version
Order No.	1967910000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on upper side, Standard
GTIN (EAN)	4032248780785	
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories**

Type	HDC 24B ADBO	Version
Order No.	1213300000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190871147	condition), Bulkhead housing, Side-locking clamp on upper side,
Qty.	1 pc(s).	Standard, with cover