

HDC 40D 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: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 29
Order No.	1657550000
Type	HDC 40D TOBO 1PG29G
GTIN (EAN)	4008190410605
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	93.3 mm	Depth (inches)	3.673 inch
Height	75.11 mm	Height (inches)	2.957 inch
Width	55 mm	Width (inches)	2.165 inch
Net weight	330 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	93.3 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		

Version

BG	6	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design	high	Design of housing	Cable entry from top, Plug housing
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	6	Size of cable entries	PG 29
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
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

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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

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@5cbba450 de.myview.objectmodel.impl.BlockImpl@5ed8f28c de.myview.objectmodel.impl.BlockImpl@32f72529 de.myview.objectmodel.impl.BlockImpl@67cb3a80 de.myview.objectmodel.impl.BlockImpl@66539b0d de.myview.objectmodel.impl.BlockImpl@7f0659d9 de.myview.objectmodel.impl.BlockImpl@7453f57d de.myview.objectmodel.impl.BlockImpl@4af2de4d de.myview.objectmodel.impl.BlockImpl@3003bfed de.myview.objectmodel.impl.BlockImpl@7d06f0a5 de.myview.objectmodel.impl.BlockImpl@16151a65 de.myview.objectmodel.impl.BlockImpl@4a49be5c de.myview.objectmodel.impl.BlockImpl@67188c2f

Approvals

Approvals



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

[1657550000 HDC_40D_TOBO_1PG29G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

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

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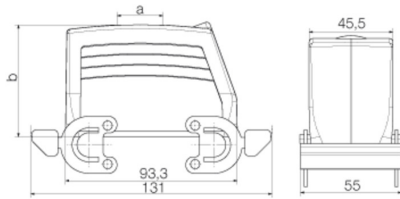
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Drawings



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Accessories

Base housing



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General ordering data

Type	HDC 16B SBO 2M32G	Version
Order No.	2454650000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 32
GTIN (EAN)	4050118472219	
Qty.	1 pc(s).	
Type	HDC 16B SDBO 2M25G	Version
Order No.	1788260000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: M 25
GTIN (EAN)	4032248205790	
Qty.	1 pc(s).	
Type	HDC 16B SDBO 1M25G	Version
Order No.	1900080000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: M 25
GTIN (EAN)	4032248520756	
Qty.	1 pc(s).	
Type	HDC 16B SDBO 2PG21G	Version
Order No.	1657640000	HDC enclosures, Size: 6, 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)	4008190410698	
Qty.	1 pc(s).	

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

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General ordering data

Type	HDC 16B DMDQ 4BO	Version
Order No.	1665620000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on upper side, Standard
GTIN (EAN)	4008190422646	
Qty.	1 pc(s).	

Bulkhead housing

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General ordering data

Type	HDC 16B ADBO	Version
Order No.	1209200000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on upper side, Standard, with cover
GTIN (EAN)	4008190871130	
Qty.	1 pc(s).	