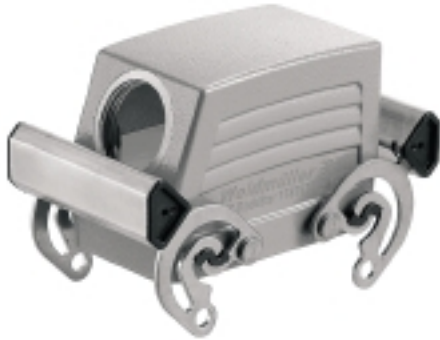


HDC 10B TSBO 1PG16G**Weidmüller Interface GmbH & Co. KG**

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: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: PG 16
Order No.	1654750000
Type	HDC 10B TSBO 1PG16G
GTIN (EAN)	4008190407759
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Height	52 mm	Height (inches)	2.047 inch
Width	55 mm	Width (inches)	2.165 inch
Net weight	205 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	73 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	4	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design		Design of housing	Cable entry from side, Plug housing
	Standard		
Design of locking system	Side-locking clamp on upper side	Internal thread	PG 16
Number of cable entry on top	0	Number of cable entry sideways	1
Size	4	Size of cable entries	PG 16
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
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

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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 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@13ba981f de.myview.objectmodel.impl.BlockImpl@50cd2b25 de.myview.objectmodel.impl.BlockImpl@3af0403a de.myview.objectmodel.impl.BlockImpl@3eeac26d de.myview.objectmodel.impl.BlockImpl@7957dfcf de.myview.objectmodel.impl.BlockImpl@407a57c3 de.myview.objectmodel.impl.BlockImpl@78333e66 de.myview.objectmodel.impl.BlockImpl@10a272a7 de.myview.objectmodel.impl.BlockImpl@574c6edb de.myview.objectmodel.impl.BlockImpl@451affbe de.myview.objectmodel.impl.BlockImpl@24bb3975 de.myview.objectmodel.impl.BlockImpl@270f400f de.myview.objectmodel.impl.BlockImpl@1381d883

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	1654750000 HDC 10B TSBO 1PG16G_STP_Blatt__1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

Creation date May 7, 2024 7:04:07 AM CEST

Catalogue status 04.05.2024 / We reserve the right to make technical changes.

HDC 10B TSBO 1PG16G

Weidmüller Interface GmbH & Co. KG

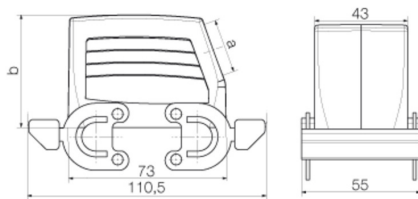
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Drawings



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

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General ordering data

Type	HDC 10B DMDQ 4BO	Version
Order No.	1665250000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on upper side, Standard
GTIN (EAN)	4008190421953	
Qty.	1 pc(s).	