

HDC 16B TSBU 1PG21G

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 side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
Order No.	1656480000
Type	HDC 16B TSBU 1PG21G
GTIN (EAN)	4008190409494
Qty.	1 pc(s).

HDC 16B TSBU 1PG21G

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	93.3 mm	Depth (inches)	3.673 inch
Height	61 mm	Height (inches)	2.402 inch
Width	59 mm	Width (inches)	2.323 inch
Net weight	223 g		

Temperatures

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

Dimensions

Cable entry	w. thread	Height of housing B	61 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	Standard	Design of housing	Cable entry from side, Plug housing
Design of locking system	Side-locking clamp on lower side	Internal thread	PG 21
Number of cable entry on top	0	Number of cable entry sideways	1
Size	6	Size of cable entries	PG 21
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	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

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 February 17, 2023 9:14:02 AM CET

HDC 16B TSBU 1PG21G**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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@4ad854b6 de.myview.objectmodel.impl.BlockImpl@5fb8c0c9 de.myview.objectmodel.impl.BlockImpl@5848b5dd de.myview.objectmodel.impl.BlockImpl@5cef72ca de.myview.objectmodel.impl.BlockImpl@541ae005 de.myview.objectmodel.impl.BlockImpl@4d3dccc7 de.myview.objectmodel.impl.BlockImpl@50467ee0 de.myview.objectmodel.impl.BlockImpl@77183f00 de.myview.objectmodel.impl.BlockImpl@7401f32e de.myview.objectmodel.impl.BlockImpl@57f9429d de.myview.objectmodel.impl.BlockImpl@34ab87fc de.myview.objectmodel.impl.BlockImpl@27d4e56 de.myview.objectmodel.impl.BlockImpl@791e45b4

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
Engineering Data	WSCAD, Zuken E3.S
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1656480000 HDC_16B_TSBU_1PG21G_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

Creation date February 17, 2023 9:14:02 AM CET

Catalogue status 03.02.2023 / We reserve the right to make technical changes.

3

Data sheet

HDC 16B TSBU 1PG21G

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

