

HDC 16D KLU 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: 3, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, high, Size of cable entries: PG 21
Order No.	1653230000
Type	HDC 16D KLU 1PG21G
GTIN (EAN)	4008190403300
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	75 mm	Height (inches)	2.953 inch
Width	66 mm	Width (inches)	2.598 inch
Net weight	203 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	75 mm
Total length housing	60 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	Tightening torque	1.2 Nm
	Powder coating		

Version

BG	3	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	high	Design of housing	Coupling housing
Design of locking system	End-locking clamp, lower side	Internal thread	PG 21
Number of cable entry on top	1	Number of cable entry sideways	0
Sealing	NBR	Size	3
Size of cable entries	PG 21	Suitable for ModuPlug®	Yes
Tightening torque	1.2 Nm	Top part/bottom part/lid	lower part
Type	coupling extension		

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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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@690b7da8 de.myview.objectmodel.impl.BlockImpl@1b44c789 de.myview.objectmodel.impl.BlockImpl@5b3ebfa9 de.myview.objectmodel.impl.BlockImpl@41353a23 de.myview.objectmodel.impl.BlockImpl@73e1f990 de.myview.objectmodel.impl.BlockImpl@4e2410ea de.myview.objectmodel.impl.BlockImpl@60492d70 de.myview.objectmodel.impl.BlockImpl@8c5f778 de.myview.objectmodel.impl.BlockImpl@7414b289 de.myview.objectmodel.impl.BlockImpl@1ad95fa1 de.myview.objectmodel.impl.BlockImpl@3352d327 de.myview.objectmodel.impl.BlockImpl@148b8c02 de.myview.objectmodel.impl.BlockImpl@45daf4e0

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	1653230000 HDC_16D_KLU_1PG21G_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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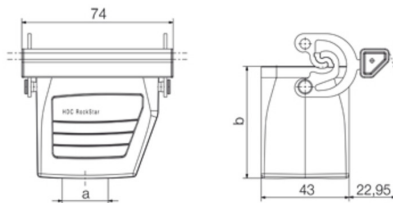
Catalogue status 01.06.2024 / We reserve the right to make technical changes.

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Drawings



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

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General ordering data

Type	HDC 06B DODL 2BO	Version
Order No.	1665200000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190421908	condition), Cover for lower part of housing, End-locking clamp, lower
Qty.	1 pc(s).	side, Standard