

HDC 06B KLU 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: 3, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16
Order No.	1653200000
Type	HDC 06B KLU 1PG16G
GTIN (EAN)	4008190403270
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	55 mm	Height (inches)	2.165 inch
Width	66 mm	Width (inches)	2.598 inch
Net weight	162 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	55 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	Standard	Design of housing	Coupling housing
Design of locking system	End-locking clamp, lower side	Internal thread	PG 16
Number of cable entry on top	1	Number of cable entry sideways	0
Sealing	NBR	Size	3
Size of cable entries	PG 16	Suitable for ModuPlug®	No
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

Creation date April 27, 2024 9:37:00 AM CEST

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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@ece1b2c de.myview.objectmodel.impl.BlockImpl@2732249 de.myview.objectmodel.impl.BlockImpl@45f52d5 de.myview.objectmodel.impl.BlockImpl@afb4a74 de.myview.objectmodel.impl.BlockImpl@7492277c de.myview.objectmodel.impl.BlockImpl@6fe822cd de.myview.objectmodel.impl.BlockImpl@115f1c1f de.myview.objectmodel.impl.BlockImpl@41275caa de.myview.objectmodel.impl.BlockImpl@246b2a35 de.myview.objectmodel.impl.BlockImpl@abb9a3f de.myview.objectmodel.impl.BlockImpl@63edc093 de.myview.objectmodel.impl.BlockImpl@18d41248 de.myview.objectmodel.impl.BlockImpl@6593a9e5

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	1653200000 HDC_06B_KLU_1PG16G_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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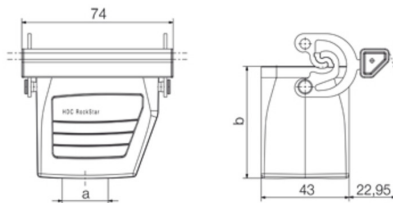
Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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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 2B0	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