

## HDC 16D KLU 1PG21G

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, high, Size of cable entries: PG 21
Order No.	<a href="#">1653230000</a>
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	Stainless steel, rust-proof	Protection degree	IP65 (in plugged condition)
Surface finish		Powder coating	Tightening torque

**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
ECLASS 14.0	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**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl
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@59e4d80 de.myview.objectmodel.impl.BlockImpl@68fa739b de.myview.objectmodel.impl.BlockImpl@25225b43 de.myview.objectmodel.impl.BlockImpl@24b46924 de.myview.objectmodel.impl.BlockImpl@5331d27f de.myview.objectmodel.impl.BlockImpl@686c1529 de.myview.objectmodel.impl.BlockImpl@5fa3a324 de.myview.objectmodel.impl.BlockImpl@58d91cbd de.myview.objectmodel.impl.BlockImpl@5a68ff3 de.myview.objectmodel.impl.BlockImpl@d6b1733 de.myview.objectmodel.impl.BlockImpl@4f932f39 de.myview.objectmodel.impl.BlockImpl@5fbfee82 de.myview.objectmodel.impl.BlockImpl@6e572b91

**Approvals**

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

**Data sheet****HDC 16D KLU 1PG21G**

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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

[1653230000 HDC 16D KLU 1PG21G STP Blatt 1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

**Data sheet**

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**Drawings**

