

HDC 16A SLU 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: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21
Order No.	1665090000
Type	HDC 16A SLU 1PG21G
GTIN (EAN)	4008190421793
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	96 mm	Depth (inches)	3.78 inch
Height	57 mm	Height (inches)	2.244 inch
Width	62.7 mm	Width (inches)	2.468 inch
Mounting dimension - height	40 mm	Mounting dimension - width	64 mm
Net weight	209 g		

Temperatures

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

Cable entry	w. thread	Height of base B1	4 mm
Height of housing B	57 mm	Hole pitch length A2	64 mm
Total length housing	79 mm	Width base C1	50 mm
Width housing C	29.5 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	0.5 Nm

Version

BG	5	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Base housing
Design of locking system	End-locking clamp, lower side	Internal thread	PG 21
Number of cable entry on top	0	Number of cable entry sideways	1
Size	5	Size of cable entries	PG 21
Suitable for ModuPlug®	No	Tightening torque	0.5 Nm
Top part/bottom part/lid	lower part	Type	Base housing

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

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Substance	Transmission oil
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

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@1848b254 de.myview.objectmodel.impl.BlockImpl@1c348185 de.myview.objectmodel.impl.BlockImpl@51fbfafa de.myview.objectmodel.impl.BlockImpl@421b6563 de.myview.objectmodel.impl.BlockImpl@1f9ca566 de.myview.objectmodel.impl.BlockImpl@271c37b9 de.myview.objectmodel.impl.BlockImpl@293e258a de.myview.objectmodel.impl.BlockImpl@30977db3 de.myview.objectmodel.impl.BlockImpl@4ada5952 de.myview.objectmodel.impl.BlockImpl@c3d1e4f de.myview.objectmodel.impl.BlockImpl@54776837 de.myview.objectmodel.impl.BlockImpl@5f86edef de.myview.objectmodel.impl.BlockImpl@478e3f84

Approvals

Approvals



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

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Technical data

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

[1665090000 HDC 16A SLU 1PG21G STP Blatt 1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

HDC 16A SLU 1PG21G**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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

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General ordering data

Type	HDC 16A DMDL 2B0	Version
Order No.	1665910000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190422943	condition), Cover for upper part of housing, End-locking clamp, lower
Qty.	1 pc(s).	side, Standard