

HDC 07A ELU 1PG13G**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: 1, Protection degree: IP65 (in plugged condition), Screw mounting housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 13.5
Order No.	1900990000
Type	HDC 07A ELU 1PG13G
GTIN (EAN)	4032248592920
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	27 mm	Depth (inches)	1.063 inch
Height	78 mm	Height (inches)	3.071 inch
Width	36.5 mm	Width (inches)	1.437 inch
Net weight	33 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	54 mm
Total length housing	26.5 mm	Width housing C	26.8 mm

General data

EMC housings	No	Housing main material	Plastic
Material of locking element	Stainless steel, rust-proof	Protection degree	IP65 (in plugged condition)
Tightening torque	0.5 Nm	UL 94 flammability rating	V-0

Version

BG	1	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 1001
Design	Standard	Design of housing	Screw mounting housing
Design of locking system	Side-locking clamp on lower side	Internal thread	PG 13.5
Number of cable entry on top	1	Number of cable entry sideways	0
Size	1	Size of cable entries	PG 13.5
Suitable for ModuPlug®	No	Tightening torque	0.5 Nm
Top part/bottom part/lid	lower part	Type	Plug

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 July 5, 2024 12:17:28 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-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@11652a93 de.myview.objectmodel.impl.BlockImpl@2ad3c2db de.myview.objectmodel.impl.BlockImpl@64fa5e3b de.myview.objectmodel.impl.BlockImpl@7bdca9fb de.myview.objectmodel.impl.BlockImpl@435525a1 de.myview.objectmodel.impl.BlockImpl@77a4e20a de.myview.objectmodel.impl.BlockImpl@41197143 de.myview.objectmodel.impl.BlockImpl@5f149bea de.myview.objectmodel.impl.BlockImpl@3506d584 de.myview.objectmodel.impl.BlockImpl@6562c59c de.myview.objectmodel.impl.BlockImpl@6f7b331a de.myview.objectmodel.impl.BlockImpl@14cb2ed4 de.myview.objectmodel.impl.BlockImpl@17e2633c

Approvals

Approvals



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

Downloads

Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1900990000_HDC_07A_ELU_1PG13G_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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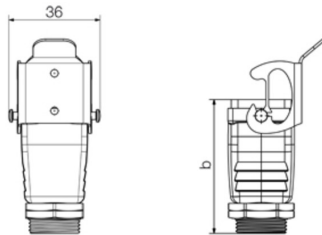
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Drawings



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

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General ordering data

Type	HDC 07A DODL 2B0	Version
Order No.	1665760000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190422783	
Qty.	1 pc(s).	
Type	HDC 07A DMDL 2B0	Version
Order No.	1665770000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190422790	
Qty.	1 pc(s).	