

HDC 04A ELU 1M20G

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: 1, Protection degree: IP65 (in plugged condition), Screw mounting housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20
Order No.	1900320000
Type	HDC 04A ELU 1M20G
GTIN (EAN)	4032248592883
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	71 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	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	1	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Screw mounting housing
Design of locking system	Side-locking clamp on lower side	Internal thread	M 20
Number of cable entry on top	1	Number of cable entry sideways	0
Size	1	Size of cable entries	M 20
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	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

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 March 3, 2023 11:52:38 AM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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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
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@6dae5afe de.myview.objectmodel.impl.BlockImpl@679c2285 de.myview.objectmodel.impl.BlockImpl@3d04911f de.myview.objectmodel.impl.BlockImpl@3d63065e de.myview.objectmodel.impl.BlockImpl@2285c2a6 de.myview.objectmodel.impl.BlockImpl@240b4479 de.myview.objectmodel.impl.BlockImpl@3d1ea58e de.myview.objectmodel.impl.BlockImpl@18ea1585 de.myview.objectmodel.impl.BlockImpl@147674cc de.myview.objectmodel.impl.BlockImpl@6a20d2b7 de.myview.objectmodel.impl.BlockImpl@225a38a8 de.myview.objectmodel.impl.BlockImpl@6a54475b de.myview.objectmodel.impl.BlockImpl@4d238ec9

Approvals

Approvals



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

Downloads

Engineering Data	CAD data – STEP
Engineering Data	WSCAD
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1900320000_HDC_04A_ELU_1M20G_STP_Blatt__1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings

