

HDC 40D SDLU 2M25G

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

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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: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 25
Order No.	1787180000
Type	HDC 40D SDLU 2M25G
GTIN (EAN)	4032248204526
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	102 mm	Height (inches)	4.016 inch
Width	99.5 mm	Width (inches)	3.917 inch
Mounting dimension - height	45 mm	Mounting dimension - width	105 mm
Net weight	545 g		

Temperatures

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

Cable entry	w. thread	Height of base B1	5 mm
Height of housing B	102 mm	Hole pitch length A2	105 mm
Total length housing	93.3 mm	Width base C1	56.5 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 class note	Protection class with secured cover: IP 65
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating

Version

BG	6	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Cover	with cover	Design	high
Design of cover	with cover	Design of housing	Base housing
Design of locking system	End-locking clamp, lower side	Internal thread	M 25
Number of cable entry on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	6
Size of cable entries	M 25	Suitable for ModuPlug®	Yes
Top part/bottom part/lid	lower part	Type	Base housing

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

Creation date March 6, 2023 12:09:22 PM CET

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

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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-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@2108880c de.myview.objectmodel.impl.BlockImpl@7481df3e de.myview.objectmodel.impl.BlockImpl@5e56dd35 de.myview.objectmodel.impl.BlockImpl@5075f60e de.myview.objectmodel.impl.BlockImpl@35584ce4 de.myview.objectmodel.impl.BlockImpl@4f5a0d5e de.myview.objectmodel.impl.BlockImpl@278ddef5 de.myview.objectmodel.impl.BlockImpl@5837898c de.myview.objectmodel.impl.BlockImpl@2f7fc102 de.myview.objectmodel.impl.BlockImpl@3050194e de.myview.objectmodel.impl.BlockImpl@79e303c7 de.myview.objectmodel.impl.BlockImpl@1dfc9e9e de.myview.objectmodel.impl.BlockImpl@4cda3bf2

Approvals

Approvals



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

Data sheet

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration	www.weidmueller.com
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	1787180000_HDC_40D_SDLU_2M25G_STP_Blatt__1.pdf	
Catalogues	Catalogues in PDF-format	
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN	

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Drawings

