

HDC 10A SDLU 1M25G

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: 2, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 25
Order No.	1901040000
Type	HDC 10A SDLU 1M25G
GTIN (EAN)	4032248586165
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	69.5 mm	Height (inches)	2.736 inch
Width	75.9 mm	Width (inches)	2.988 inch
Mounting dimension - height	40 mm	Mounting dimension - width	48 mm
Net weight	252 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	69.5 mm	Hole pitch length A2	48 mm
Total length housing	63 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 class note	Protection class with secured cover: IP 65
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating
Tightening torque	0.5 Nm		

Version

BG	2	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Cover	with cover	Design	Standard
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	1
Sealing	NBR	Size	2
Size of cable entries	M 25	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	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

Creation date March 1, 2023 3:38:40 PM CET

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

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Technical data

Substance	Ethyl alcohol
Chemical resistance	Resistant
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@8c37262 de.myview.objectmodel.impl.BlockImpl@16ab4f87 de.myview.objectmodel.impl.BlockImpl@7718a770 de.myview.objectmodel.impl.BlockImpl@534af7d de.myview.objectmodel.impl.BlockImpl@16779ddb de.myview.objectmodel.impl.BlockImpl@5aec3fe5 de.myview.objectmodel.impl.BlockImpl@68fd30ef de.myview.objectmodel.impl.BlockImpl@481235ca de.myview.objectmodel.impl.BlockImpl@6221f056 de.myview.objectmodel.impl.BlockImpl@5909f8e0 de.myview.objectmodel.impl.BlockImpl@58f2c166 de.myview.objectmodel.impl.BlockImpl@11703d7 de.myview.objectmodel.impl.BlockImpl@6cd9f0e3

Approvals

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ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E92202

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www.weidmueller.com**Technical data****Downloads**

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

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Drawings

