

HDC 10A DMDL 2B0**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), Cover for lower part of housing, End-locking clamp, lower side, Standard
Order No.	1665880000
Type	HDC 10A DMDL 2B0
GTIN (EAN)	4008190422912
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	73 mm	Depth (inches)	2.874 inch
Height	19.5 mm	Height (inches)	0.768 inch
Width	29.5 mm	Width (inches)	1.161 inch
Net weight	44 g		

Temperatures

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

Cable entry	For bases	Height of housing B	12.5 mm
Total length housing	63 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	2	Cable entry	For bases
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Cover for lower part of housing
Design of locking system	End-locking clamp, lower side	Sealing	NBR
Size	2	Suitable for ModuPlug®	No
Tightening torque	0.5 Nm	Top part/bottom part/lid	Cover
Type	Cover		

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 May 18, 2024 3:55:52 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
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@76faccb3 de.myview.objectmodel.impl.BlockImpl@54533fe7 de.myview.objectmodel.impl.BlockImpl@2cce7a53 de.myview.objectmodel.impl.BlockImpl@1f8caf98 de.myview.objectmodel.impl.BlockImpl@3fb3778e de.myview.objectmodel.impl.BlockImpl@72d2db98 de.myview.objectmodel.impl.BlockImpl@2d113b73 de.myview.objectmodel.impl.BlockImpl@571ba126 de.myview.objectmodel.impl.BlockImpl@73b0b34c de.myview.objectmodel.impl.BlockImpl@17daa8b9 de.myview.objectmodel.impl.BlockImpl@33b4c392 de.myview.objectmodel.impl.BlockImpl@39ac5653 de.myview.objectmodel.impl.BlockImpl@4f70b8f9

Approvals

Approvals



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

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	1665880000 HDC 10A DMDL 2BO_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Catalogue status 04.05.2024 / We reserve the right to make technical changes.

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Drawings

