

HDC 04A DMDL 2BO**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), Cover for lower part of housing, Side-locking clamp on lower side, Standard
Order No.	1665750000
Type	HDC 04A DMDL 2BO
GTIN (EAN)	4008190422776
Qty.	1 pc(s).

HDC 04A DMDL 2BO

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Technical data

Dimensions and weights

Depth	26.8 mm	Depth (inches)	1.055 inch
Height	17.5 mm	Height (inches)	0.689 inch
Width	36.5 mm	Width (inches)	1.437 inch
Net weight	14.6 g		

Temperatures

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

Cable entry	with female	Height of housing B	17.5 mm
Total length housing	26.8 mm	Width housing C	26.8 mm

General data

EMC housings	No	Housing main material	diecast aluminium
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating
Tightening torque	0.5 Nm		

Version

BG	1	Cable entry	with female
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Cover for lower part of housing
Design of locking system	Side-locking clamp on lower side	Sealing	NBR
Size	1	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
ETIM 10.0	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	ECLASS 14.0	27-44-02-02
ECLASS 15.0	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

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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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@18894745 de.myview.objectmodel.impl.BlockImpl@4923b077 de.myview.objectmodel.impl.BlockImpl@6ee0efde de.myview.objectmodel.impl.BlockImpl@1fb9ba93 de.myview.objectmodel.impl.BlockImpl@4d58654e de.myview.objectmodel.impl.BlockImpl@19acc49a de.myview.objectmodel.impl.BlockImpl@705b466e de.myview.objectmodel.impl.BlockImpl@22e407d4 de.myview.objectmodel.impl.BlockImpl@2c1874d3 de.myview.objectmodel.impl.BlockImpl@53efedde de.myview.objectmodel.impl.BlockImpl@792db9fb de.myview.objectmodel.impl.BlockImpl@7b75dbad de.myview.objectmodel.impl.BlockImpl@142486fc

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

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Technical data

Downloads

Approval/Certificate/Document of Con-
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – 1665750000 HDC_04A_DMDL_2BO_STP.dxf](#)

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1665750000 HDC_04A_DMDL_2BO_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

HDC 04A DMDL 2B0

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Accessories

Screw mounting housing



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General ordering data

Type	HDC 04A ELU 1M20G	Version
Order No.	1900320000	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
GTIN (EAN)	4032248592883	
Qty.	1 pc(s).	
Type	HDC 04A ELU 1PG13S	Version
Order No.	1900330000	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
GTIN (EAN)	4032248592890	
Qty.	1 pc(s).	

Base enclosure



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General ordering data

Type	HDC 04A SLU 1PG11G	Version
Order No.	1652490000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 11
GTIN (EAN)	4008190402563	
Qty.	1 pc(s).	

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Accessories

Type	HDC 04A SLU 1M20G	Version
Order No.	1788830000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248206377	condition), Base housing, Side-locking clamp on lower side, Standard,
Qty.	1 pc(s).	Size of cable entries: M 20

Bulkhead enclosure



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General ordering data

Type	HDC 04A ALU	Version
Order No.	1497600000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190136406	condition), Bulkhead housing, Side-locking clamp on lower side,
Qty.	1 pc(s).	Standard

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Accessories

Angled bulkhead housing



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General ordering data

Type	HDC 04A AWLU	Version
Order No.	1497700000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side,
GTIN (EAN)	4008190074937	Standard
Qty.	1 pc(s).	

Coupling hood



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General ordering data

Type	HDC 04A KOLU 1PG11G	Version
Order No.	1652500000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side,
GTIN (EAN)	4008190402570	Standard, Size of cable entries: PG 11
Qty.	1 pc(s).	

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Type	HDC 04A KOLU 1M20G	Version
Order No.	1788840000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248206384	condition), Coupling housing, Side-locking clamp on lower side,
Qty.	1 pc(s).	Standard, Size of cable entries: M 20