

HDC 07A 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.	1665770000
Type	HDC 07A DMDL 2BO
GTIN (EAN)	4008190422790
Qty.	1 pc(s).

HDC 07A DMDL 2BO

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Technical data

Dimensions and weights

Depth	26.7 mm	Depth (inches)	1.051 inch
Height	17.5 mm	Height (inches)	0.689 inch
Width	36.5 mm	Width (inches)	1.437 inch
Net weight	8 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	Plastic
Protection degree	IP65 (in plugged condition)	Tightening torque	0.5 Nm
UL 94 flammability rating	V-0		

Version

BG	1	Cable entry	with female
Clamp version	Side-locking clamp	Colour (RAL)	RAL 1001
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
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

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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	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@3e13818f de.myview.objectmodel.impl.BlockImpl@7eb42571 de.myview.objectmodel.impl.BlockImpl@6e3aeb02 de.myview.objectmodel.impl.BlockImpl@21decbe8 de.myview.objectmodel.impl.BlockImpl@3e329a5 de.myview.objectmodel.impl.BlockImpl@5c231b05 de.myview.objectmodel.impl.BlockImpl@65f88978 de.myview.objectmodel.impl.BlockImpl@32ae9fa4 de.myview.objectmodel.impl.BlockImpl@281a3655 de.myview.objectmodel.impl.BlockImpl@6ca5fb60 de.myview.objectmodel.impl.BlockImpl@4d370cc5 de.myview.objectmodel.impl.BlockImpl@b22e978 de.myview.objectmodel.impl.BlockImpl@7273ded7
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals



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 – 1665770000 HDC_07A_DMDL_2BO_STP.dxf](#)
[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1665770000 HDC_07A_DMDL_2BO_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

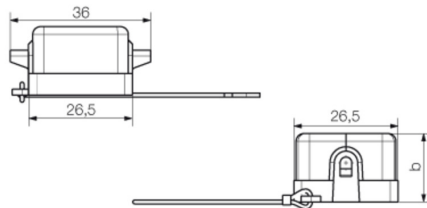
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HDC 07A DMDL 2B0

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Drawings



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Accessories

Screw mounting housing



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General ordering data

Type	HDC 07A ELU 1PG13G	Version
Order No.	1900990000	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)	4032248592920	
Qty.	1 pc(s).	

Coupling hood



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General ordering data

Type	HDC 07A KOLU 1M20G	Version
Order No.	1788540000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20
GTIN (EAN)	4032248206070	
Qty.	1 pc(s).	

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Type	HDC 07A KOLU 1PG11G	Version
Order No.	1652460000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side,
GTIN (EAN)	4008190402532	Standard, Size of cable entries: PG 11
Qty.	1 pc(s).	

Angled bulkhead housing

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General ordering data

Type	HDC 07A AWLU	Version
Order No.	1652420000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side,
GTIN (EAN)	4008190402471	Standard
Qty.	1 pc(s).	

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Accessories

Bulkhead enclosure



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General ordering data

Type	HDC 07A ALU	Version
Order No.	1652410000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side,
GTIN (EAN)	4008190402488	Standard
Qty.	1 pc(s).	

Base enclosure



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General ordering data

Type	HDC 07A SLU 1M20G	Version
Order No.	1788530000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard,
GTIN (EAN)	4032248206063	Size of cable entries: M 20
Qty.	1 pc(s).	

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Type	HDC 07A SLU 1PG11S	Version
Order No.	1652440000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190402518	condition), Base housing, Side-locking clamp on lower side, Standard,
Qty.	1 pc(s).	Size of cable entries: PG 11