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).

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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

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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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	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@66ee6ca2 de.myview.objectmodel.impl.BlockImpl@342e809c de.myview.objectmodel.impl.BlockImpl@41935672 de.myview.objectmodel.impl.BlockImpl@731208dd de.myview.objectmodel.impl.BlockImpl@668ce161 de.myview.objectmodel.impl.BlockImpl@26e6b74c de.myview.objectmodel.impl.BlockImpl@7d9d4524 de.myview.objectmodel.impl.BlockImpl@1eaaeeaa de.myview.objectmodel.impl.BlockImpl@1fac93f7 de.myview.objectmodel.impl.BlockImpl@c631b99 de.myview.objectmodel.impl.BlockImpl@1bc0db54 de.myview.objectmodel.impl.BlockImpl@52d6a938 de.myview.objectmodel.impl.BlockImpl@299ebbbe

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 – 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	FL FIELDWIRING EN FL FIELDWIRING EN

Creation date June 4, 2024 3:26:20 AM CEST

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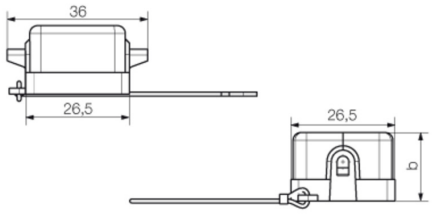
Drawings



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Accessories

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
GTIN (EAN)	4008190402471	condition), Bulkhead housing, Side-locking clamp on lower side,
Qty.	1 pc(s).	Standard

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
GTIN (EAN)	4032248592920	condition), Screw mounting housing, Side-locking clamp on lower
Qty.	1 pc(s).	side, Standard, Size of cable entries: PG 13.5

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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
GTIN (EAN)	4008190402488	condition), Bulkhead housing, Side-locking clamp on lower side,
Qty.	1 pc(s).	Standard

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
GTIN (EAN)	4032248206063	condition), Base housing, Side-locking clamp on lower side, Standard,
Qty.	1 pc(s).	Size of cable entries: M 20

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Accessories

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

Coupling hood

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General ordering data

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

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