

HDC 07A DODL 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: 1, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
Order No.	1665760000
Type	HDC 07A DODL 2B0
GTIN (EAN)	4008190422783
Qty.	1 pc(s).

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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	7 g		

Temperatures

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

Cable entry	with male	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 male
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	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@43f16d8d de.myview.objectmodel.impl.BlockImpl@32022bb7 de.myview.objectmodel.impl.BlockImpl@657f48eb de.myview.objectmodel.impl.BlockImpl@61024b53 de.myview.objectmodel.impl.BlockImpl@29d7dff8 de.myview.objectmodel.impl.BlockImpl@a2b16e5 de.myview.objectmodel.impl.BlockImpl@158c2f5b de.myview.objectmodel.impl.BlockImpl@66a7a66a de.myview.objectmodel.impl.BlockImpl@71188542 de.myview.objectmodel.impl.BlockImpl@235639ba de.myview.objectmodel.impl.BlockImpl@57d43c7c de.myview.objectmodel.impl.BlockImpl@c1b541a de.myview.objectmodel.impl.BlockImpl@391cf24e

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 – 1665760000 HDC_07A_DODL_2B0_STP.dxf CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1665760000 HDC_07A_DODL_2B0_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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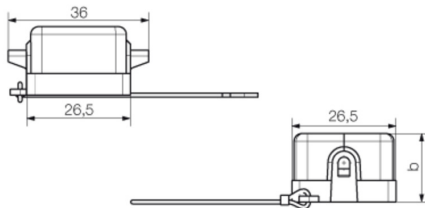
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Drawings



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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).	

Angled bulkhead housing



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General ordering data

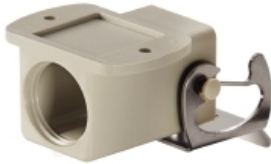
Type	HDC 07A AWLU	Version
Order No.	1652420000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side,
GTIN (EAN)	4008190402471	Standard
Qty.	1 pc(s).	

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

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

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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