

## HDC 07A DODL 2B0

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">1665760000</a>
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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Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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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@6f66e7ec de.myview.objectmodel.impl.BlockImpl@44db7f9b de.myview.objectmodel.impl.BlockImpl@693b2a78 de.myview.objectmodel.impl.BlockImpl@6accf548 de.myview.objectmodel.impl.BlockImpl@32cd267a de.myview.objectmodel.impl.BlockImpl@2d75a01f de.myview.objectmodel.impl.BlockImpl@1dad3723 de.myview.objectmodel.impl.BlockImpl@10c6e76b de.myview.objectmodel.impl.BlockImpl@4b63edff de.myview.objectmodel.impl.BlockImpl@4b16c9d4 de.myview.objectmodel.impl.BlockImpl@3f76fbba de.myview.objectmodel.impl.BlockImpl@18acbe80 de.myview.objectmodel.impl.BlockImpl@4cf4a47f

## Approvals

Approvals



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

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – 1665760000 HDC_07A_DODL_2B0_STP.dxf</a> <a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Technical Documentation	<a href="#">1665760000 HDC_07A_DODL_2B0_STP_Blatt_1.pdf</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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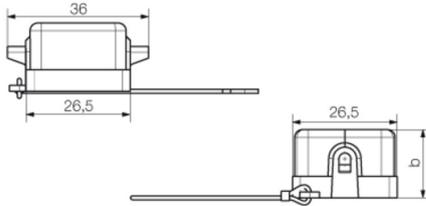
**Data sheet**

**HDC 07A DODL 2B0**

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**Drawings**



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## Accessories

### Base enclosure



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### General ordering data

Type	HDC 07A SLU 1PG11S	Version
Order No.	<a href="#">1652440000</a>	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).	
Type	HDC 07A SLU 1M20G	Version
Order No.	<a href="#">1788530000</a>	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).	

### Coupling hood



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### General ordering data

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

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**Accessories**

Type	HDC 07A KOLU 1PG11G	Version
Order No.	<a href="#">1652460000</a>	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).	

**Bulkhead enclosure**



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**General ordering data**

Type	HDC 07A ALU	Version
Order No.	<a href="#">1652410000</a>	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).	

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**Accessories**

**Screw mounting housing**



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**General ordering data**

Type	HDC 07A ELU 1PG13G	Version
Order No.	<a href="#">1900990000</a>	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).	

**Angled bulkhead housing**



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**General ordering data**

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