

## HDC 16A ADLU

**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: 5, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, with cover
Order No.	<a href="#">1664940000</a>
Type	HDC 16A ADLU
GTIN (EAN)	4008190421649
Qty.	1 pièce(s)

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## Caractéristiques techniques

## Dimensions and weights

Depth	98 mm	Depth (inches)	3,858 inch
Height	44,5 mm	Height (inches)	1,752 inch
Width	75,9 mm	Width (inches)	2,988 inch
Mounting dimension - height	18 mm	Mounting dimension - width	86 mm
Net weight	156 g		

## Temperatures

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

Height of base B1	5 mm	Height of housing B	26 mm
Hole pitch length A2	86 mm	Total length housing	79 mm
Width base C1	33 mm	Width housing C	30 mm

## General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection class note	Protection class with secured cover: IP 65
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating
Tightening torque	0,5 Nm		

## Version

BG	5	Clamp version	End-locking clamp
Colour (RAL)	RAL 7035	Cover	with cover
Design	Standard	Design of cover	with cover
Design of housing	Bulkhead housing	Design of locking system	End-locking clamp, lower side
Sealing	NBR	Size	5
Suitable for ModuPlug®	No	Tightening torque	0,5 Nm
Top part/bottom part/lid	lower part	Type	Bulkhead (feed-through)

## 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
ECLASS 14.0	27-44-02-02		

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel
Chemical resistance	Resistant
Substance	Ethyl alcohol

Date de création 26 novembre 2024 14:15:09 CET

Niveau du catalogue 26.11.2024 / Toutes modifications techniques réservées

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**Caractéristiques techniques**

Chemical resistance	Resistant
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 with exemption
RoHS Exemption (if applicable/known)	6bl
REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@4d191e18 de.myview.objectmodel.impl.BlockImpl@12aa6b6e de.myview.objectmodel.impl.BlockImpl@780eaaef de.myview.objectmodel.impl.BlockImpl@4b185657 de.myview.objectmodel.impl.BlockImpl@4ef468f2 de.myview.objectmodel.impl.BlockImpl@f448b59 de.myview.objectmodel.impl.BlockImpl@290018c de.myview.objectmodel.impl.BlockImpl@bb35567 de.myview.objectmodel.impl.BlockImpl@66ed1f1b de.myview.objectmodel.impl.BlockImpl@4dd85edc de.myview.objectmodel.impl.BlockImpl@4f46ba8a de.myview.objectmodel.impl.BlockImpl@5ecfd668 de.myview.objectmodel.impl.BlockImpl@50540f6d

**Important note**

Product information When mounting the housings, make sure that the flat gasket is correctly seated.

**Approvals**

Approvals



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

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## Caractéristiques techniques

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<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="#">1664940000 HDC 16A ADLU 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>

**Fiche de données**

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**Dessins**

