

**HDC 16A ALU****Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 26  
D-32758 Detmold  
Germany[www.weidmueller.com](http://www.weidmueller.com)**IP65**

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, Installation size: 5, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, Standard, Size of cable entries: none
Order No.	<a href="#">1664920000</a>
Type	HDC 16A ALU
GTIN (EAN)	4008190421625
Qty.	1 items

## HDC 16A ALU

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## Technical data

## Approvals

## Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E92202

## Dimensions and weights

Depth	98 mm	Depth (inches)	3.8583 inch
Height	25 mm	Height (inches)	0.9842 inch
Width	54.2 mm	Width (inches)	2.1339 inch
Mounting dimension - height	18 mm	Mounting dimension - width	86 mm
Net weight	97 g		

## Temperatures

Limit temperature	-40 °C ... 125 °C
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## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption	
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3	
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f	
Chemical resistance	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
	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

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## Technical data

## Dimensions

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

Cable entry	No
Width base C1	33 mm
Height of housing B	26 mm

## General data

Tightening torque	0.5 Nm
Surface finish	Powder coating
EMC housings	No

Housing main material	diecast aluminium
Protection degree	IP65, in plugged condition
Material of locking element	Stainless steel, rust-proof

## Version

Size of cable entries	none
Cover	without cover
Number of cable entry sideways	0
Design of locking system	End-locking clamp, lower side
Installation size	5
Type	Bulkhead (feed-through)
Sealing	NBR
BG	5

Top part/bottom part/lid	lower part
Tightening torque	0.5 Nm
Design of housing	Bulkhead housing
Design	Standard
Cable entry	No
Clamp version	End-locking clamp
Colour (RAL)	RAL 7035
Suitable for ModuPlug®	No

## Important note

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

ETIM 8.0	EC000437
ETIM 10.0	EC000437
ECLASS 15.0	27-44-02-02

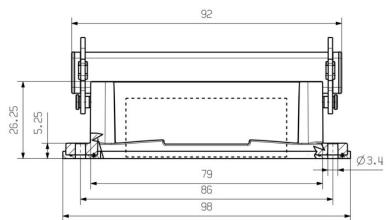
ETIM 9.0	EC000437
ECLASS 14.0	27-44-02-02

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**Drawings**

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**Accessories****Cover**

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**General ordering data**

Type	HDC 16A DMCL 2BO	Version
Order No.	<a href="#">1665910000</a>	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190422943	plugged condition, Cover for upper part of housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: none