

**HDC 16A DMDL 2BO****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, Installation size: 5, Protection degree: IP65, in plugged condition, Cover for upper part of housing, End-locking clamp, lower side, Standard
Order No.	<a href="#">1665910000</a>
Type	HDC 16A DMDL 2BO
GTIN (EAN)	4008190422943
Qty.	1 items

## HDC 16A DMDL 2B0

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

Depth	89 mm	Depth (inches)	3.5039 inch
Height	19.5 mm	Height (inches)	0.7677 inch
Width	29.5 mm	Width (inches)	1.1614 inch
Net weight	46 g		

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

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

## Dimensions

Cable entry	For bases	Width housing C	29.5 mm
Total length housing	79 mm	Height of housing B	19.5 mm

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## Technical data

## General data

Tightening torque	0.5 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP65, in plugged condition
EMC housings	No	Material of locking element	Stainless steel, rust-proof

## Version

Top part/bottom part/lid	Cover	Tightening torque	0.5 Nm
Design of housing	Cover for upper part of housing	Design of locking system	End-locking clamp, lower side
Design	Standard	Installation size	5
Cable entry	For bases	Type	Cover
Clamp version	End-locking clamp	Sealing	NBR
Colour (RAL)	RAL 7035	BG	5
Suitable for ModuPlug®	No		

## Classifications

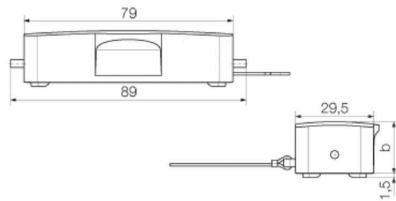
ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 9.0	27-44-02-02
ECLASS 9.1	27-44-02-02	ECLASS 10.0	27-44-02-02
ECLASS 11.0	27-44-02-02	ECLASS 12.0	27-44-02-02
ECLASS 13.0	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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# Drawings



## HDC 16A DMDL 2BO

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## Accessories

## Base housing



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## General ordering data

Type	HDC 16A SLU 1M25G	Version
Order No.	<a href="#">1902330000</a>	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248591916	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25
Type	HDC 16A SLU 1PG21G	Version
Order No.	<a href="#">1665090000</a>	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190421793	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 21
Type	HDC 16A SLU 2M20G	Version
Order No.	<a href="#">1788770000</a>	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248206315	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: M 20
Type	HDC 16A SLU 2M25G	Version
Order No.	<a href="#">1788760000</a>	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248206308	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25
Type	HDC 16A SLU 2PG16G	Version
Order No.	<a href="#">1665070000</a>	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190421779	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 16

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## Accessories

## Bulkhead housing



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## General ordering data

Type	HDC 16A ALU	Version
Order No.	<a href="#">1664920000</a>	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190421625	plugged condition, Bulkhead housing, End-locking clamp, lower side,
Qty.	1 ST	Standard

## Coupling housing



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## General ordering data

Type	HDC 16A KLU 1PG16G	Version
Order No.	<a href="#">1665450000</a>	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190422158	plugged condition, Coupling housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 16
Type	HDC 16A KLU 1M25G	Version
Order No.	<a href="#">1788800000</a>	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248206346	plugged condition, Coupling housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25