

HDC 16B ABU N

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

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: 6, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side, Standard, Size of cable entries: none
Order No.	2488590000
Type	HDC 16B ABU N
GTIN (EAN)	4050118541526
Qty.	1 items

HDC 16B ABU N

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

Approvals



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

Dimensions and weights

Height	29 mm	Height (inches)	1.1417 inch
Width	57 mm	Width (inches)	2.2441 inch
Mounting dimension - height	32 mm	Mounting dimension - width	103 mm
Net weight	122 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	No	Height of housing B	29 mm
-------------	----	---------------------	-------

HDC 16B ABU N

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

General data

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

Surface finish	Powder coating
EMC housings	No

Version

Size of cable entries	none
Cover	without cover
Design of housing	Bulkhead housing
Design	Standard
Cable entry	No
Clamp version	Side-locking clamp
Colour (RAL)	RAL 7035
Suitable for ModuPlug®	Yes

Top part/bottom part/lid	lower part
Number of cable entry sideways	0
Design of locking system	Side-locking clamp on lower side
Installation size	6
Type	Bulkhead (feed-through)
Sealing	NBR
BG	6

Important note

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

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

HDC 16B ABU N

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories**Spare clip**

In addition to heavy-duty connectors, RockStar® includes the appropriate accessories for effective, functional and safe system cabling; e.g. coding systems, shield clamps, cover plates and replacement seals

General ordering data

Type	HDC LL 10B N	Version
Order No.	2535150000	Heavy-duty connectors, Accessories, Locking lever
GTIN (EAN)	4050118562057	
Qty.	10 ST	

Flange seals

We offer a variety of accessories, including seals, to accompany the housings. Because of the excellent sealing, you can achieve the best seal possible with our housings. Extensive testing has confirmed it – RockStar® remains impermeable to water to a depth of 50 metres This allows you to use heavy-duty connectors in environments which previously required fixed-wire installation.

General ordering data

Type	HDC FLDG 16B	Version
Order No.	1044530000	Accessories, flat gasket
GTIN (EAN)	4032248776979	
Qty.	5 ST	

Moulded gasket seals

We offer a variety of accessories, including seals, to accompany the housings. Because of the excellent sealing, you can achieve the best seal possible with our housings. Extensive testing has confirmed it – RockStar® remains impermeable to water to a depth of 50 metres This allows you to use heavy-duty connectors in environments which previously required fixed-wire installation.

General ordering data

Type	HDC DG 16B	Version
Order No.	1044630000	Accessories, Moulded gasket seal
GTIN (EAN)	4032248777075	
Qty.	5 ST	

HDC 16B ABU N

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories

Cover



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

Type	HDC 16B DODQ 4BO	Version
Order No.	1665260000	HDC enclosures, Installation size: 6, Protection degree: IP65, in
GTIN (EAN)	4008190421960	plugged condition, Cover for lower part of housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: none