

HDC 16B ABU N**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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: 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

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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
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Technical data

General data

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

Version

Size of cable entries	none	Top part/bottom part/lid	lower part
Cover	without cover	Number of cable entry sideways	0
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on lower side
Design	Standard	Installation size	6
Cable entry	No	Type	Bulkhead (feed-through)
Clamp version	Side-locking clamp	Sealing	NBR
Colour (RAL)	RAL 7035	BG	6
Suitable for ModuPlug®	Yes		

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 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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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	

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Accessories

Cover



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General ordering data

Type	HDC 16B DODQ 4B0	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