

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, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	2488590000
Type	HDC 16B ABU N
GTIN (EAN)	4050118541526
Qty.	1 pc(s).

HDC 16B ABU N

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

www.weidmueller.com

Technical data

Dimensions and weights

Height	29 mm	Height (inches)	1.142 inch
Width	57 mm	Width (inches)	2.244 inch
Mounting dimension - height	32 mm	Mounting dimension - width	103 mm
Net weight	122 g		

Temperatures

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

Dimensions

Height of housing B	29 mm
---------------------	-------

General data

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

Version

BG	6	Clamp version	Side-locking clamp
Colour (RAL)	RAL 7035	Design	Standard
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on lower side
Sealing	NBR	Size	6
Suitable for ModuPlug®	Yes	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

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

Creation date April 27, 2024 10:43:54 PM CEST

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

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

REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@7f87e994 de.myview.objectmodel.impl.BlockImpl@2e559ee5 de.myview.objectmodel.impl.BlockImpl@59f22920 de.myview.objectmodel.impl.BlockImpl@54c50ab9 de.myview.objectmodel.impl.BlockImpl@14ce92fc de.myview.objectmodel.impl.BlockImpl@16ee8436 de.myview.objectmodel.impl.BlockImpl@5e9d04e2 de.myview.objectmodel.impl.BlockImpl@22f15d4a de.myview.objectmodel.impl.BlockImpl@42c8629a de.myview.objectmodel.impl.BlockImpl@20e581c1 de.myview.objectmodel.impl.BlockImpl@16e92b2b de.myview.objectmodel.impl.BlockImpl@3eda2fb1 de.myview.objectmodel.impl.BlockImpl@3f875642

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

Downloads

Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	Customer drawing
Catalogues	Catalogues in PDF-format

HDC 16B ABU N

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 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 pc(s).	

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, Protection degree: Design of housing: Clamp version: Design: Approvals :
GTIN (EAN)	4032248777075	
Qty.	5 pc(s).	

HDC 16B ABU N

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

www.weidmueller.com

Accessories

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		Version
Type	HDC FLDG 16B	
Order No.	1044530000	Accessories, flat gasket, Protection degree: Design of housing: Clamp
GTIN (EAN)	4032248776979	version: Design: Approvals :
Qty.	5 pc(s).	