

HDC 06B ALU N**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 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, Size: 3, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, without cover
Order No.	2488560000
Type	HDC 06B ALU N
GTIN (EAN)	4050118541502
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Height	29.3 mm	Height (inches)	1.154 inch
Width	64 mm	Width (inches)	2.52 inch
Mounting dimension - height	32 mm	Mounting dimension - width	70 mm
Net weight	82 g		

Temperatures

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

Height of housing B	29 mm	Width housing C	43 mm
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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	Tightening torque	1.2 Nm

Version

BG	3	Clamp version	End-locking clamp
Colour (RAL)	RAL 7035	Design	Standard
Design of cover	without cover	Design of housing	Bulkhead housing
Design of locking system	End-locking clamp, lower side	Sealing	NBR
Size	3	Suitable for ModuPlug®	Yes
Tightening torque	1.2 Nm	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

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Technical data

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@47b5f5b0 de.myview.objectmodel.impl.BlockImpl@39d119cd de.myview.objectmodel.impl.BlockImpl@1e3db1f2 de.myview.objectmodel.impl.BlockImpl@19fdb34 de.myview.objectmodel.impl.BlockImpl@718dd2ce de.myview.objectmodel.impl.BlockImpl@4023b243 de.myview.objectmodel.impl.BlockImpl@33623994 de.myview.objectmodel.impl.BlockImpl@478a3fd0 de.myview.objectmodel.impl.BlockImpl@588e9e4d de.myview.objectmodel.impl.BlockImpl@5e29eb5 de.myview.objectmodel.impl.BlockImpl@276ea904 de.myview.objectmodel.impl.BlockImpl@318c6686 de.myview.objectmodel.impl.BlockImpl@1d5cfa0c
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl

Important note

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

Approvals	
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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

Creation date July 25, 2024 12:35:49 AM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.

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Accessories

Cover



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General ordering data

Type	HDC 06B DODL 2BO	Version
Order No.	1665200000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, End-locking clamp, lower side, Standard
GTIN (EAN)	4008190421908	
Qty.	1 pc(s).	

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 06B N	Version
Order No.	2534550000	Heavy-duty connectors, Accessories, Locking lever
GTIN (EAN)	4050118562040	
Qty.	10 pc(s).	