

HDC 06B ALU O-RING**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, End-locking clamp not replaceable, Standard
Order No.	1019870000
Type	HDC 06B ALU O-RING
GTIN (EAN)	4032248731985
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	28 mm	Height (inches)	1.102 inch
Width	66 mm	Width (inches)	2.598 inch
Mounting dimension - height	32 mm	Mounting dimension - width	70 mm
Net weight	102 g		

Temperatures

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

Height of base B1	5.3 mm	Height of housing B	28 mm
Hole pitch length A2	70 mm	Total length housing	60 mm
Width base C1	47 mm	Width housing C	43 mm

General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	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 housing	Bulkhead housing	Design of locking system	End-locking clamp, lower side, End-locking clamp not replaceable
Sealing	NBR	Size	3
Suitable for ModuPlug®	Yes	Tightening torque	1.2 Nm
Top part/bottom part/lid	lower part		

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
ECLASS 14.0	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

Creation date August 28, 2024 3:20:51 PM CEST

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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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@37553eb5 de.myview.objectmodel.impl.BlockImpl@136bfa4b de.myview.objectmodel.impl.BlockImpl@4a84693d de.myview.objectmodel.impl.BlockImpl@1c528347 de.myview.objectmodel.impl.BlockImpl@2eca6ee de.myview.objectmodel.impl.BlockImpl@4e19ad5a de.myview.objectmodel.impl.BlockImpl@27bdf825 de.myview.objectmodel.impl.BlockImpl@2ffd1f2e de.myview.objectmodel.impl.BlockImpl@48c107e9 de.myview.objectmodel.impl.BlockImpl@4bb100d6 de.myview.objectmodel.impl.BlockImpl@385a555 de.myview.objectmodel.impl.BlockImpl@44c6ce64 de.myview.objectmodel.impl.BlockImpl@478775a
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	
ROHS	Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)
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Drawings

