

HDC IP68 04A ADS

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The new RockStar® enclosures are resistant to seawater and offer a high degree of shock resistance, meet IP 68 and IP 69K, and have been developed for use under extreme environmental conditions and designed for the high vibration requirements acc. to DIN EN 61373 cat. 2 (bogie). As such, this housing family is ideally suited for fault- and maintenance-free operation of heavy-duty connectors in transport and traffic engineering as well as in power engineering and in applications with extreme requirements. During development, measures were also implemented to make the enclosures extremely EMC-resistant.

General ordering data

Version	HDC enclosures, Installation size: 1, Protection degree: IP66, IP68, IP69, in plugged condition, Bulkhead housing, Clamping yoke connection, Standard, Size of cable entries: none
Order No.	1083130000
Type	HDC IP68 04A ADS
GTIN (EAN)	4032248846924
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	50 mm	Depth (inches)	1.9685 inch
Height	39 mm	Height (inches)	1.5354 inch
Width	45.5 mm	Width (inches)	1.7913 inch
Mounting dimension - width	30 mm	Net weight	88 g

Temperatures

Limit temperature -50 °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	Resistant
	Substance	Diesel oil
	Chemical resistance	Unstable
	Substance	Ethyl alcohol
	Chemical resistance	Resistant
	Substance	Transmission oil
	Chemical resistance	Conditionally resistant
	Substance	Hydraulic oil
	Chemical resistance	Conditionally resistant
	Substance	Petroleum benzine
	Chemical resistance	Unstable
	Substance	Sweat
	Chemical resistance	Conditionally resistant
	Substance	Premium gasoline
	Chemical resistance	Unstable
	Substance	Water
Chemical resistance	Resistant	
Substance	UV	
Chemical resistance	Resistant	
Substance	Ozone	
Chemical resistance	Resistant	

Dimensions

Hole pitch length A2	30 mm	Cable entry	No
Total length housing	50 mm	Height of housing B	39 mm

General data

Housing main material	diecast aluminium	Surface finish	Powder coating
Protection degree	IP66, IP68, IP69, in plugged condition	EMC housings	Yes
Material of locking element	Stainless steel, rust-proof		

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Number of cable glands	0	Size of cable entries	none
Top part/bottom part/lid	lower part	Cover	without cover
Design of housing	Bulkhead housing	Design of locking system	Clamping yoke connection
Design	Standard	Installation size	1
Cable entry	No	Type	Base housing
Clamp version	Clamping yoke connection	Sealing	no sealing
Colour (RAL)	RAL 9011	BG	1
Suitable for ModuPlug®	No		

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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Drawings

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