Data sheet

HDC IP68 04A AWS 1M25

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: M 25
Order No.	2430170000
Type	HDC IP68 04A AWS 1M25
GTIN (EAN)	4050118439854
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	50 mm	Depth (inches)	1.9685 inch
Height	44 mm	Height (inches)	1.7323 inch
Width	67 mm	Width (inches)	2.6378 inch
Mounting dimension - height	41 mm	Mounting dimension - width	41 mm
Net weight	114.4 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	41 mm	Cable entry	w. thread
Total length housing	50 mm	Height of housing B	44 mm

General data

Housing main material	diecast aluminium	Surface finish	Powder coating
Protection degree	IP66, IP68, IP69, in plugged condition	EMC housings	Yes

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Size of cable entries	M 25	Top part/bottom part/lid	lower part
Number of cable entry on top	0	Number of cable entry sideways	1
Design of housing	Bulkhead housing	Design of locking system	Clamping yoke connection
Design	Standard	Installation size	1
Cable entry	w. thread	Type	Bulkhead (feed-through)
Clamp version	Clamping yoke connection	Sealing	Silicone
Internal thread	M 25	Colour (RAL)	RAL 9011
BG	1	Suitable for ModuPlug®	No

Important note

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

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	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
ECLASS 15.0	27-44-02-02		

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Drawings

