

HDC IP68 04A AWS 1M25**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP68**

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

HDC IP68 04A AWS 1M25

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

HDC IP68 04A AWS 1M25

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Version

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

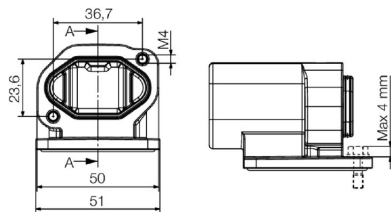
ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 9.0	27-44-02-02
ECLASS 9.1	27-44-02-02	ECLASS 10.0	27-44-02-02
ECLASS 11.0	27-44-02-02	ECLASS 12.0	27-44-02-02
ECLASS 13.0	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

HDC IP68 04A AWS 1M25

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

www.weidmueller.com

Drawings



HDC IP68 04A AWS 1M25

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

www.weidmueller.com

Accessories**IP68 O-ring 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 04A IP68	Version
Order No.	1987460000	Accessories, Enclosures accessories
GTIN (EAN)	4050118379259	
Qty.	10 ST	

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	HDC FLDG 04A AW IP68	Version
Order No.	1987470000	Accessories, Enclosures accessories
GTIN (EAN)	4050118379204	
Qty.	10 ST	