

HDC IP68 10B SS 1PG29

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: 4, Protection degree: IP66, IP68, IP69, in plugged condition, Base housing, Clamping yoke connection, Standard, Size of cable entries: PG 29
Order No.	1081290000
Type	HDC IP68 10B SS 1PG29
GTIN (EAN)	4032248877355
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Height	101 mm	Height (inches)	3.9764 inch
Width	80 mm	Width (inches)	3.1496 inch
Mounting dimension - height	60 mm	Mounting dimension - width	140 mm
Net weight	903 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	140 mm	Cable entry	w. thread
Total length housing	169 mm	Height of housing B	101 mm

General data

Surface finish Powder coating Protection degree IP66, IP68, IP69, in plugged condition

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Technical data

Version

Number of cable glands	0	Size of cable entries	PG 29
Top part/bottom part/lid	lower part	Cover	without cover
Number of cable entry on top	0	Number of cable entry sideways	1
Design of housing	Base housing	Design of locking system	Clamping yoke connection
Design	Standard	Installation size	4
Cable entry	w. thread	Type	Base housing
Clamp version	Clamping yoke connection	Sealing	Silicone
Internal thread	PG 29	Colour (RAL)	RAL 9011, RAL 9005
BG	4	Suitable for ModuPlug®	Yes

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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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 10B IP68	Version	
Order No.	1987510000	Accessories, Enclosures accessories	
GTIN (EAN)	4050118379228		
Qty.	10 ST		

IP68 version



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications. The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure. Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

General ordering data

Type	VG 29-MS68	Version	
Order No.	1569120000	VG MS (standard brass cable gland), Cable glands, straight, PG 29,	
GTIN (EAN)	4008190176419	8 mm, OD min. 18 - OD max. 25 mm, IP67, IP68 - 5 bar (30 min.),	
Qty.	10 ST	Brass, nickel-plated	