

HDC IP68 16B SS 1PG36

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: 6, Protection degree: IP66, IP68, IP69, in plugged condition, Base housing, Clamping yoke connection, Standard, Size of cable entries: PG 36
Order No.	1081380000
Type	HDC IP68 16B SS 1PG36
GTIN (EAN)	4032248877430
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Height	111.5 mm	Height (inches)	4.3898 inch
Width	80 mm	Width (inches)	3.1496 inch
Mounting dimension - height	60 mm	Mounting dimension - width	160 mm
Net weight	1043 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	Chemical resistance
	Acetone	Resistant
	Diesel oil	Unstable
	Ethyl alcohol	Resistant
	Transmission oil	Conditionally resistant
	Hydraulic oil	Conditionally resistant
	Petroleum benzine	Unstable
	Sweat	Conditionally resistant
	Premium gasoline	Unstable
	Water	Resistant
	UV	Resistant
	Ozone	Resistant

Dimensions

Hole pitch length A2	160 mm	Cable entry	w. thread
Total length housing	189 mm	Height of housing B	111.5 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 36
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	6
Cable entry	w. thread	Type	Base housing
Clamp version	Clamping yoke connection	Sealing	Silicone
Internal thread	PG 36	Colour (RAL)	RAL 9011, RAL 9005
BG	6	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 16B IP68	Version	
Order No.	1987530000	Accessories, Enclosures accessories	
GTIN (EAN)	4050118379181		
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 36-MS68	Version	
Order No.	1569130000	VG MS (standard brass cable gland), Cable glands, straight, PG 36,	
GTIN (EAN)	4008190148263	9 mm, OD min. 22 - OD max. 32 mm, IP67, IP68 - 5 bar (30 min.),	
Qty.	5 ST	Brass, nickel-plated	