

## HDC IP68 06B SS 1M20

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 3, Protection degree: IP66, IP68, IP69, in plugged condition, Base housing, Clamping yoke connection, Standard, Size of cable entries: M 20
Order No.	<a href="#">1081180000</a>
Type	HDC IP68 06B SS 1M20
GTIN (EAN)	4032248971282
Qty.	1 items

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Depth	156 mm	Depth (inches)	6.1417 inch
Height	101 mm	Height (inches)	3.9764 inch
Width	80 mm	Width (inches)	3.1496 inch
Mounting dimension - height	60 mm	Mounting dimension - width	127 mm
Net weight	878 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	127 mm	Cable entry	w. thread
Total length housing	156 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	M 20
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	3
Cable entry	w. thread	Type	Base housing
Clamp version	Clamping yoke connection	Sealing	Silicone
Internal thread	M 20	Colour (RAL)	RAL 9011, RAL 9005
BG	3	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 06B IP68	Version	
Order No.	<a href="#">1987490000</a>	Accessories, Enclosures accessories	
GTIN (EAN)	4050118379198		
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 M20 - MS 68	Version	
Order No.	<a href="#">1772220000</a>	VG MS (standard brass cable gland), Cable glands, straight, M 20, 8	
GTIN (EAN)	4032248129874	mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30	
Qty.	50 ST	min.), IP69K, Brass, nickel-plated	

### EMC Brass Cable Gland 4th Generation



The increasing sensitivity of electronic components and the increasing electromagnetic interference frequencies require cable glands to play an important role in the shielding concept of a system. This type of EMC cable glands are made for shielding against interference frequencies, with a 360° screening connection. A Finger-locking seal provides superior cable retention & strain relief, next to it, the cable gland meets the mechanical requirements of EN 62444. Due to the patented design a very easy and fast assembly will be possible.

### General ordering data

Type	VG M20 EMV-4 MS 8-14	Version	
Order No.	<a href="#">2435160000</a>	VG EMV GEN 4 (EMC cable gland with clamping cage), Cable glands,	
GTIN (EAN)	4050118446913	straight, M 20, 8, OD min. 7.5 - OD max. 14 mm, IP54, IP66, IP67,	
Qty.	50 ST	IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated	