HDC IP68 06B SS 1M20



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: 3, Protection degree: IP66, IP68, IP69, in plugged condition, Base housing, Clamping yoke connection, Stan- dard, Size of cable entries: M 20
Order No.	<u>1081180000</u>
Туре	HDC IP68 06B SS 1M20
GTIN (EAN)	4032248971282
Qty.	1 items

Catalogue status / Drawings



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Technical data

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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

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

Creation date 28.11.2025 11:38:35 MEZ

Catalogue status / Drawings 2



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Technical data

Version

Size of cable entries	M 20	Top part/bottom part/lid	lower part
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	Туре	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

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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		

Data sheet

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Drawings

