

**HDC enclosures
HDC IP68 10B SS 1PG29**

Weidmüller Interface GmbH & Co. KG
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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

Type	HDC IP68 10B SS 1PG29
Order No.	1081290000
Version	HDC enclosures, Size: 4, Protection degree: IP68, IP69K, Closed base, Clamping yoke connection, Standard, Size of cable entries: PG 29
GTIN (EAN)	4032248877355
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Width	80 mm	Width (inches)	3.15 inch
Height	100.5 mm	Height (inches)	3.957 inch
Mounting dimension - width	140 mm	Mounting dimension - height	60 mm
Net weight	903 g		

Temperatures

Limit temperature	-50 °C ... 125 °C
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Dimensions

Cable entry	w. threading	Hole pitch length A2	140 mm
Total length housing	169 mm		

General data

EMC housings	Yes	Housing main material	diecast aluminium
Protection degree	IP68, IP69K	Surface finish	Powder coating

Version

Cable entry	w. threading	Clamp version	Clamping yoke connection
Design	Standard	Design of housing	Closed base
Design of locking system	Clamping yoke connection	Internal thread	PG 29
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	Silicone rubber	Size	4
Size of cable entries	PG 29	Suitable for ModuPlug®	Yes
Top part/bottom part/lid	lower part	Type	Base housing

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
eClass 9.0	27-44-02-02	eClass 9.1	27-44-02-02
eClass 10.0	27-44-02-02	UNSPSC	30-21-18-01

Approvals

Approvals



ROHS Conform

Downloads

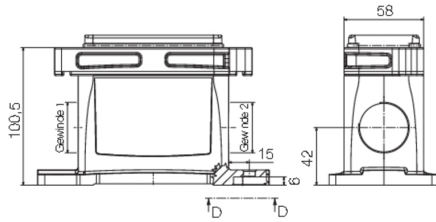
Brochure/Catalogue	CAT 3 HDC 17/18 EN FL FIELDWIRING EN
Engineering Data	EPLAN
Engineering Data	STEP

Data sheet

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Drawings



Data sheet

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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, Protection degree: Design of
GTIN (EAN)	4050118379228	housing: Clamp version: Design: Approvals :
Qty.	1 pc(s).	