

**HDC enclosures
HDC IP68 16B AS**

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 16B AS
Order No.	1081530000
Version	HDC enclosures, Size: 6, Protection degree: IP68, IP69K, Bulkhead enclosure, Screw plug, Standard
GTIN (EAN)	4032248843992
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	164 mm	Length (inches)	6.457 inch
Width	58 mm	Width (inches)	2.283 inch
Height	29.5 mm	Height (inches)	1.161 inch
Mounting dimension - width	103 mm	Mounting dimension - height	32 mm
Net weight	180 g		

Temperatures

Limit temperature -50 °C ... 125 °C

Dimensions

Height of housing B	21 mm	Hole pitch length A2	103 mm
Total length housing	164 mm		

General data

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

Version

Clamp version	Screw plug	Design	Standard
Design of housing	Bulkhead enclosure	Design of locking system	Screw plug
Sealing	Silicone rubber	Size	6
Suitable for ModuPlug®	Yes	Top part/bottom part/lid	lower part
Type	Bulkhead (Feed-Through)		

Classifications

ETIM 3.0	EC000437	ETIM 4.0	EC000437
ETIM 5.0	EC000437	ETIM 6.0	EC000437
UNSPSC	30-21-18-01	eClass 5.1	27-14-34-19
eClass 6.2	27-14-34-19	eClass 7.1	27-44-05-15
eClass 8.1	27-44-05-15	eClass 9.0	27-44-05-15
eClass 9.1	27-44-02-02		

Approvals

Approvals



ROHS Conform

Downloads

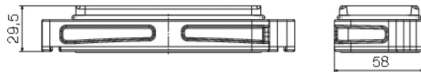
Brochure/Catalogue	CAT 3 HDC 17/18 EN FL FIELDWIRING EN
Engineering Data	EPLAN

Data sheet

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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	Order No.	Version	GTIN (EAN)	Qty.
HDC DG 16B IP68	1987530000	Accessories, Enclosures accessories, Protection degree: Design of housing: Clamp version: Design: Approvals :	4050118379181	1 pc(s).

Flange seals



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
HDC FLDG 16B IP68	1987520000	Accessories, Enclosures accessories, Protection degree: Design of housing: Clamp version: Design: Approvals :	4050118379235	1 pc(s).