

HDC IP68 24B SS**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: 8, Protection degree: IP66, IP68, IP69, in plugged condition, Base housing, Clamping yoke connection, Standard
Order No.	1081450000
Type	HDC IP68 24B SS
GTIN (EAN)	4032248877492
Qty.	1 items

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Technical data

Approvals

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ROHS

Conform

Dimensions and weights

Depth	216 mm	Depth (inches)	8.5039 inch
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	187 mm
Net weight	1225.48 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	187 mm	Total length housing	216 mm
Height of housing B	111.5 mm		

General data

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

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Technical data

Version

Top part/bottom part/lid	lower part	Design of housing	Base housing
Design of locking system	Clamping yoke connection	Design	Standard
Installation size	8	Type	Base housing
Clamp version	Clamping yoke connection	Sealing	Silicone
Colour (RAL)	RAL 9011, RAL 9005	BG	8
Suitable for ModuPlug®	Yes		

Classifications

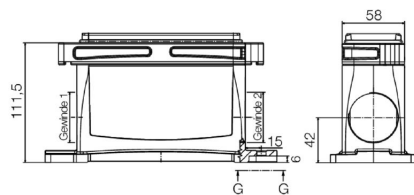
ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 9.0	27-44-02-02
ECLASS 9.1	27-44-02-02	ECLASS 10.0	27-44-02-02
ECLASS 11.0	27-44-02-02	ECLASS 12.0	27-44-02-02
ECLASS 13.0	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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Drawings



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www.weidmueller.com**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 24B IP68	Version	
Order No.	1525270000	Accessories, Enclosures accessories	
GTIN (EAN)	4050118330625		
Qty.	10 ST		