

**HDC IP68 24B SS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, Size: 8, Protection degree: IP68 (in plugged condition), IP69K, IP66 (in plugged condition), Base housing, Clamping yoke connection, Standard
Order No.	<a href="#">1081450000</a>
Type	HDC IP68 24B SS
GTIN (EAN)	4032248877492
Qty.	1 pc(s).

## HDC IP68 24B SS

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## Technical data

## Dimensions and weights

Depth	216 mm	Depth (inches)	8.504 inch
Height	111.5 mm	Height (inches)	4.39 inch
Width	80 mm	Width (inches)	3.15 inch
Mounting dimension - height	60 mm	Mounting dimension - width	187 mm
Net weight	1,225.48 g		

## Temperatures

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

Height of housing B	111.5 mm	Hole pitch length A2	187 mm
Total length housing	216 mm		

## General data

EMC housings	Yes	Housing main material	diecast aluminium
Protection degree	IP68 (in plugged condition), IP69K, IP66 (in plugged condition)	Surface finish	Powder coating

## Version

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

## Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	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		

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

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**Technical data**

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

**Environmental Product Compliance**

REACH SVHC	/
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@671582b4 de.myview.objectmodel.impl.BlockImpl@4dd87acb de.myview.objectmodel.impl.BlockImpl@165e9409 de.myview.objectmodel.impl.BlockImpl@1fd2755b de.myview.objectmodel.impl.BlockImpl@54194437 de.myview.objectmodel.impl.BlockImpl@5a99625d de.myview.objectmodel.impl.BlockImpl@38055bdb de.myview.objectmodel.impl.BlockImpl@3471992d de.myview.objectmodel.impl.BlockImpl@2ad74b68 de.myview.objectmodel.impl.BlockImpl@3b4d4fe5 de.myview.objectmodel.impl.BlockImpl@290410d4
RoHS Compliance Status	Compliant without exemption

**Approvals**

Approvals



ROHS	Conform
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**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

### HDC IP68 24B SS

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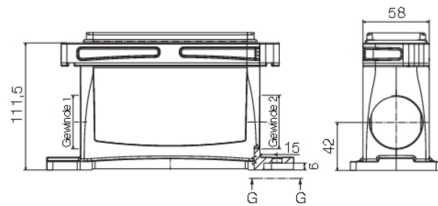
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## Drawings



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[www.weidmueller.com](http://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.	<a href="#">1525270000</a>	Accessories, Enclosures accessories
GTIN (EAN)	4050118330625	
Qty.	10 pc(s).	