

**HDC IP68 24B SS 1PG36****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: IP66 (in plugged condition), IP69K, IP68 (in plugged condition), Base housing, Clamping yoke connection, Standard, Size of cable entries: PG 36 |
| Order No.  | <a href="#">1081430000</a>  |
| Type       | HDC IP68 24B SS 1PG36   |
| GTIN (EAN) | 4032248877478   |
| Qty.       | 1 pc(s).  |

## HDC IP68 24B SS 1PG36

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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                  | 1,199 g  |                            |            |

## Temperatures

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

## 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 | IP66 (in plugged condition), IP69K, IP68 (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 |
| Internal thread                | PG 36              | Number of cable entry on top | 0                        |
| Number of cable entry sideways | 1                  | Sealing                      | Silicone                 |
| Size                           | 8                  | Size of cable entries        | PG 36                    |
| 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 |

|                     |                         |
|---------------------|-------------------------|
| 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 |

Creation date July 7, 2024 6:13:23 PM CEST

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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@58000fdc de.myview.objectmodel.impl.BlockImpl@5a4e74b  
 de.myview.objectmodel.impl.BlockImpl@29395a41 de.myview.objectmodel.impl.BlockImpl@5995526d  
 de.myview.objectmodel.impl.BlockImpl@1b3c86c de.myview.objectmodel.impl.BlockImpl@230fe9ae  
 de.myview.objectmodel.impl.BlockImpl@408754dc de.myview.objectmodel.impl.BlockImpl@3372609b  
 de.myview.objectmodel.impl.BlockImpl@2c1d2e31 de.myview.objectmodel.impl.BlockImpl@7003f085  
 de.myview.objectmodel.impl.BlockImpl@a586bed

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)  
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)  
[FL FIELDWIRING EN](#)

### HDC IP68 24B SS 1PG36

**Weidmüller Interface GmbH & Co. KG**

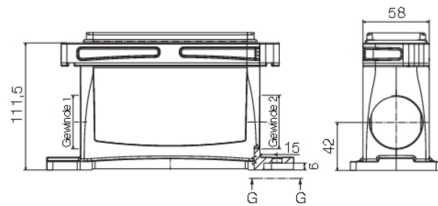
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## Drawings



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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).                  |                                     |