

**HDC IP68 16B SS 2M40****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: 6, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), IP69K, Base housing, Clamping yoke connection, Standard, Size of cable entries: M 40 |
| Order No.  | <a href="#">1081370000</a>   |
| Type       | HDC IP68 16B SS 2M40   |
| GTIN (EAN) | 4032248877423  |
| Qty.       | 1 pc(s).   |

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## Technical data

## Dimensions and weights

|                             |          |                            |           |
|-----------------------------|----------|----------------------------|-----------|
| 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 | 160 mm    |
| Net weight                  | 1,029 g  |                            |           |

## Temperatures

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

## Dimensions

|                      |          |                      |        |
|----------------------|----------|----------------------|--------|
| Height of housing B  | 111.5 mm | Hole pitch length A2 | 160 mm |
| Total length housing | 189 mm   |                      |        |

## General data

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

## Version

|                                |                    |                              |                          |
|--------------------------------|--------------------|------------------------------|--------------------------|
| BG                             | 6                  | 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                | M 40               | Number of cable entry on top | 0                        |
| Number of cable entry sideways | 2                  | Sealing                      | Silicone                 |
| Size                           | 6                  | Size of cable entries        | M 40                     |
| 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 |

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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@2d0faf72 de.myview.objectmodel.impl.BlockImpl@74fd095a  
 de.myview.objectmodel.impl.BlockImpl@55bfda3e de.myview.objectmodel.impl.BlockImpl@795955e6  
 de.myview.objectmodel.impl.BlockImpl@29fd1180 de.myview.objectmodel.impl.BlockImpl@35d66a3c  
 de.myview.objectmodel.impl.BlockImpl@1e932892 de.myview.objectmodel.impl.BlockImpl@2dd6b8c3  
 de.myview.objectmodel.impl.BlockImpl@6ce6cde8 de.myview.objectmodel.impl.BlockImpl@6ae7ddc2  
 de.myview.objectmodel.impl.BlockImpl@6db7bfb4

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Con-

formity

[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](#)

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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 16B IP68            | Version                             |
| Order No.  | <a href="#">1987530000</a> | Accessories, Enclosures accessories |
| GTIN (EAN) | 4050118379181              |                                     |
| Qty.       | 1 pc(s).                   |                                     |