

**HDC IP68 10B AS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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: 4, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), Bulkhead housing, Clamping yoke connection, Standard |
| Order No.  | <a href="#">1081520000</a>   |
| Type       | HDC IP68 10B AS  |
| GTIN (EAN) | 4032248844272  |
| Qty.       | 1 pc(s).   |

Creation date March 7, 2023 3:31:56 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

**HDC IP68 10B AS**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Technical data**
**Dimensions and weights**

|                             |         |                            |            |
|-----------------------------|---------|----------------------------|------------|
| Height                      | 29.5 mm | Height (inches)            | 1.161 inch |
| Width                       | 58 mm   | Width (inches)             | 2.283 inch |
| Mounting dimension - height | 32 mm   | Mounting dimension - width | 83 mm      |
| Net weight                  | 170 g   |                            |            |

**Temperatures**

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

**Dimensions**

|                      |       |                      |        |
|----------------------|-------|----------------------|--------|
| Hole pitch length A2 | 83 mm | Total length housing | 144 mm |
|----------------------|-------|----------------------|--------|

**General data**

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

**Version**

|                        |                         |                          |                          |
|------------------------|-------------------------|--------------------------|--------------------------|
| BG                     | 4                       | Clamp version            | Clamping yoke connection |
| Colour (RAL)           | RAL 9011, RAL 9005      | Design                   | Standard                 |
| Design of housing      | Bulkhead housing        | Design of locking system | Clamping yoke connection |
| Sealing                | Silicone                | Size                     | 4                        |
| Suitable for ModuPlug® | Yes                     | Top part/bottom part/lid | lower part               |
| Type                   | Bulkhead (feed-through) |                          |                          |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | 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 |

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

## Data sheet

### HDC IP68 10B AS

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

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

### Important note

Product information      When mounting the housings, make sure that the flat gasket is correctly seated.

### Approvals

Approvals



ROHS      Conform

### 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><br><a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |
| Brochures                                   | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a>   |

**Data sheet**

**HDC IP68 10B AS**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

