

## HDC IP68 06B FRAME M6

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, Installation size: 3, Protection degree: IP66, IP68, in plugged condition, Counter frame, Clamping yoke connection, Standard, Size of cable entries: none |
| Order No.  | <a href="#">1110890000</a>  |
| Type       | HDC IP68 06B FRAME M6   |
| GTIN (EAN) | 403224888695 1  |
| Qty.       | 1 items   |

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

|                             |       |                            |             |
|-----------------------------|-------|----------------------------|-------------|
| Depth                       | 96 mm | Depth (inches)             | 3.7795 inch |
| Height                      | 13 mm | Height (inches)            | 0.5118 inch |
| Width                       | 58 mm | Width (inches)             | 2.2835 inch |
| Mounting dimension - height | 32 mm | Mounting dimension - width | 70 mm       |
| Net weight                  | 60 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 | 70 mm | Cable entry         | No    |
| Total length housing | 96 mm | Height of housing B | 13 mm |

**General data**

|                |           |                   |                                  |
|----------------|-----------|-------------------|----------------------------------|
| Surface finish | untreated | Protection degree | IP66, IP68, in plugged condition |
|----------------|-----------|-------------------|----------------------------------|

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## Technical data

### Version

|                                |                          |                       |               |
|--------------------------------|--------------------------|-----------------------|---------------|
| Number of cable glands         | 0                        | Size of cable entries | none          |
| Top part/bottom part/lid       | lower part               | Cover                 | without cover |
| Number of cable entry sideways | 0                        | Design of housing     | Counter frame |
| Design of locking system       | Clamping yoke connection | Design                | Standard      |
| Installation size              | 3                        | Cable entry           | No            |
| Type                           | Bulkhead (feed-through)  | Sealing               | no sealing    |
| Colour (RAL)                   | RAL 7001, RAL 9005       | BG                    | 3             |
| Suitable for ModuPlug®         | Yes                      |                       |               |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | EC000437    | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

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**Drawings**

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