

**HDC IP68 04A AWS 1M20****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, Size: 1, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), Bulkhead housing, Clamping yoke connection, Standard, Size of cable entries: M 20 |
| Order No.  | <a href="#">1081480000</a>                                                                                                                                                              |
| Type       | HDC IP68 04A AWS 1M20                                                                                                                                                                   |
| GTIN (EAN) | 4032248844227                                                                                                                                                                           |
| Qty.       | 1 pc(s).                                                                                                                                                                                |

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## Technical data

## Dimensions and weights

|                             |            |                            |            |
|-----------------------------|------------|----------------------------|------------|
| Depth                       | 50 mm      | Depth (inches)             | 1.969 inch |
| Height                      | 43.7 mm    | Height (inches)            | 1.72 inch  |
| Mounting dimension - height | 41 mm      | Mounting dimension - width | 41 mm      |
| Net weight                  | 135 g      | Width                      | 67 mm      |
| Width (inches)              | 2.638 inch |                            |            |

## Temperatures

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

## Environmental Product Compliance

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

|                      |              |                      |       |
|----------------------|--------------|----------------------|-------|
| Cable entry          | w. threading | Hole pitch length A2 | 41 mm |
| Total length housing | 50 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    |

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## Technical data

## Version

|                              |                          |                                |                          |
|------------------------------|--------------------------|--------------------------------|--------------------------|
| Cable entry                  | w. threading             | Clamp version                  | Clamping yoke connection |
| Design                       | Standard                 | Design of housing              | Bulkhead housing         |
| Design of locking system     | Clamping yoke connection | Internal thread                | M 20                     |
| Number of cable entry on top | 0                        | Number of cable entry sideways | 1                        |
| Sealing                      | Silicone                 | Size                           | 1                        |
| Size of cable entries        | M 20                     | Suitable for ModuPlug®         | No                       |
| Top part/bottom part/lid     | lower part               | Type                           | Bulkhead (feed-through)  |

## Classifications

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

## Approvals

Approvals



ROHS

Conform

## Downloads

|                                             |                                            |
|---------------------------------------------|--------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a> |
| Engineering Data                            | <a href="#">STEP</a>                       |
| Engineering Data                            | <a href="#">EPLAN</a>                      |

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## Drawings

