

**HDC IP68 24B TOS 1M32****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: 8, Protection degree: IP66, IP68, in plugged condition, Plug housing, Clamping yoke connection, Standard, Size of cable entries: M 32 |
| Order No.  | <a href="#">1082860000</a>                                                                                                                                  |
| Type       | HDC IP68 24B TOS 1M32                                                                                                                                       |
| GTIN (EAN) | 4032248846177                                                                                                                                               |
| Qty.       | 1 ST                                                                                                                                                        |

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## Technical data

## Approvals

Approvals



ROHS

Conform

## Dimensions and weights

|            |          |                 |             |
|------------|----------|-----------------|-------------|
| Height     | 110.5 mm | Height (inches) | 4.3504 inch |
| Width      | 58 mm    | Width (inches)  | 2.2835 inch |
| Net weight | 578.16 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

|                     |           |                      |        |
|---------------------|-----------|----------------------|--------|
| Cable entry         | w. thread | Total length housing | 191 mm |
| Height of housing B | 110.5 mm  |                      |        |

## General data

|                   |                |                             |                                  |
|-------------------|----------------|-----------------------------|----------------------------------|
| Tightening torque | 6.5 Nm         | Housing main material       | diecast aluminium                |
| Surface finish    | Powder coating | Protection degree           | IP66, IP68, in plugged condition |
| EMC housings      | Yes            | Material of locking element | Stainless steel, rust-proof      |

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## Technical data

## Version

|                                |                          |                              |                          |
|--------------------------------|--------------------------|------------------------------|--------------------------|
| Size of cable entries          | M 32                     | Top part/bottom part/lid     | upper part               |
| Tightening torque              | 6.5 Nm                   | Number of cable entry on top | 1                        |
| Number of cable entry sideways | 0                        | Design of housing            | Plug housing             |
| Design of locking system       | Clamping yoke connection | Design                       | Standard                 |
| Size                           | 8                        | Cable entry                  | w. thread                |
| Type                           | Plug                     | Clamp version                | Clamping yoke connection |
| Internal thread                | M 32                     | Colour (RAL)                 | RAL 9011, RAL 9005       |
| BG                             | 8                        | Suitable for ModuPlug®       | Yes                      |

## Classifications

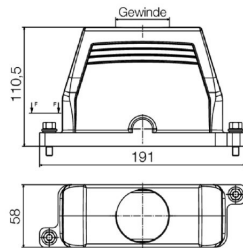
|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | EC000437    | ECLASS 9.0  | 27-44-02-02 |
| ECLASS 9.1  | 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 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

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**Drawings**



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**Accessories****Socket wrench sets**

Allen key made from fully hardened, high-alloy chromium-vanadium- steel, acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.

**General ordering data**

|            |                            |               |
|------------|----------------------------|---------------|
| Type       | SK WSD-S 1,5-10,0          | Version       |
| Order No.  | <a href="#">9008850000</a> | Mounting tool |
| GTIN (EAN) | 4032248266609              |               |
| Qty.       | 1 ST                       |               |

**Screws**

We offer a variety of accessories, including screws, that fit to the heavy-duty connectors.

**General ordering data**

|            |                            |                                                    |
|------------|----------------------------|----------------------------------------------------|
| Type       | HDC IP68 SCREW SET         | Version                                            |
| Order No.  | <a href="#">2555340000</a> | Heavy-duty connectors, Accessories, Set of fixings |
| GTIN (EAN) | 4050118571332              |                                                    |
| Qty.       | 10 ST                      |                                                    |