

## HDC HB 24 TEK TSS1XM50G

**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 (in plugged condition), IP68 (in plugged condition), Plug housing, Clamping yoke connection, high, Size of cable entries: M 50 |
| Order No.       | <a href="#">1827160000</a>  |
| Type            | HDC HB 24 TEK TSS1XM50G   |
| GTIN (EAN)      | 4032248332311   |
| Qty.            | 1 pc(s).  |
| Available until | 2013-12-31  |

Creation date February 17, 2023 11:25:36 AM CET

Catalogue status 03.02.2023 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Height     | 120 mm | Height (inches) | 4.724 inch |
| Width      | 58 mm  | Width (inches)  | 2.283 inch |
| Net weight | 718 g  |                 |            |

### Temperatures

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

### Dimensions

|                      |           |                     |        |
|----------------------|-----------|---------------------|--------|
| Cable entry          | w. thread | Height of housing B | 120 mm |
| Total length housing | 184 mm    |                     |        |

### General data

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

### Version

|                              |                          |                                |              |
|------------------------------|--------------------------|--------------------------------|--------------|
| BG                           | 8                        | Cable entry                    | w. thread    |
| Clamp version                | Clamping yoke connection | Colour (RAL)                   | RAL 9011     |
| Design                       | high                     | Design of housing              | Plug housing |
| Design of locking system     | Clamping yoke connection | Internal thread                | M 50         |
| Number of cable entry on top | 0                        | Number of cable entry sideways | 1            |
| Size                         | 8                        | Size of cable entries          | M 50         |
| Suitable for ModuPlug®       | Yes                      | Tightening torque              | 6.5 Nm       |
| Top part/bottom part/lid     | upper part               | Type                           | Plug         |

### 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       |

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**Technical data**

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

**Approvals**

Approvals



ROHS

Conform

**Downloads**

|                             |  |
|-----------------------------|--|
| Engineering Data            | <a href="#">CAD data – STEP</a>  |
| Engineering Data            | <a href="#">WSCAD</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**

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**Drawings**

