

**HDC 10B TSBO 1M20G****Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 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: 4, Protection degree: IP65, IP68, in plugged condition, Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 20 |
| Order No.  | <a href="#">2498220000</a>  |
| Type       | HDC 10B TSBO 1M20G  |
| GTIN (EAN) | 4050118514049   |
| Qty.       | 1 items   |

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## Technical data

## Approvals

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate No. (cURus) | E92202                     |

## Dimensions and weights

|            |       |                 |             |
|------------|-------|-----------------|-------------|
| Depth      | 73 mm | Depth (inches)  | 2.874 inch  |
| Height     | 52 mm | Height (inches) | 2.0472 inch |
| Width      | 43 mm | Width (inches)  | 1.6929 inch |
| Net weight | 214 g |                 |             |

## Temperatures

|                   |                   |
|-------------------|-------------------|
| Limit temperature | -40 °C ... 125 °C |
|-------------------|-------------------|

## Environmental Product Compliance

|                        |  |
|------------------------|--|
| RoHS Compliance Status | Compliant without exemption                    |
| REACH SVHC             | Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP                   | e98b2b24-ba23-41bf-8d19-0dda3647412f           |

|                     |                     |                         |
|---------------------|---------------------|-------------------------|
| Chemical resistance | Substance           | Acetone                 |
|                     | Chemical resistance | Conditionally resistant |
|                     | Substance           | Drilling oil            |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Diesel                  |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Ethyl alcohol           |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Transmission oil        |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Hydraulic oil           |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Coolant                 |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Petroleum benzine       |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Sweat                   |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Premium gasoline        |
|                     | Chemical resistance | Conditionally resistant |
|                     | Substance           | Water                   |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | UV                      |
|                     | Chemical resistance | Unstable                |
|                     | Substance           | Ozone                   |
|                     | Chemical resistance | Unstable                |

## Dimensions

|             |           |
|-------------|-----------|
| Cable entry | w. thread |
|-------------|-----------|

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## Technical data

## General data

|                       |                                  |                |                |
|-----------------------|----------------------------------|----------------|----------------|
| Housing main material | diecast aluminium                | Surface finish | Powder coating |
| Protection degree     | IP65, IP68, in plugged condition | EMC housings   | No             |

## Version

|                                |                                  |                              |                                     |
|--------------------------------|----------------------------------|------------------------------|-------------------------------------|
| Size of cable entries          | M 20                             | Top part/bottom part/lid     | upper part                          |
| Cover                          | without cover                    | Number of cable entry on top | 0                                   |
| Number of cable entry sideways | 1                                | Design of housing            | Cable entry from side, Plug housing |
| Design of locking system       | Side-locking clamp on upper side | Design                       | Standard                            |
| Installation size              | 4                                | Cable entry                  | w. thread                           |
| Internal thread                | M 20                             | Colour (RAL)                 | RAL 7035                            |
| BG                             | 4                                |                              |                                     |

## 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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**Accessories****Cover**

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 10B DMDQ 4BO           | Version   |
| Order No.  | <a href="#">1665250000</a> | HDC enclosures, Installation size: 4, Protection degree: IP65, in |
| GTIN (EAN) | 4008190421953              | plugged condition, Cover for upper part of housing, Side-locking  |
| Qty.       | 1 ST                       | clamp on upper side, Standard, Size of cable entries: none        |