

**HDC 10B TSBU 1M20G**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)



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**

|            |   |
|------------|---|
| Version    | HDC enclosures, Installation size: 4, Protection degree: IP65, in plugged condition, Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20 |
| Order No.  | <a href="#">1787560000</a>  |
| Type       | HDC 10B TSBU 1M20G  |
| GTIN (EAN) | 4032248204908   |
| 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      | 58.5 mm | Width (inches)  | 2.3031 inch |
| Net weight | 142 g   |                 |             |

## Temperatures

|                   |                   |
|-------------------|-------------------|
| Limit temperature | -40 °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         | 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 | Width housing C     | 43 mm |
| Total length housing | 73 mm     | Height of housing B | 52 mm |

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## Technical data

## General data

|                             |                             |                |                |
|-----------------------------|-----------------------------|----------------|----------------|
| Housing main material       | diecast aluminium           | Surface finish | Powder coating |
| Protection degree           | IP65, in plugged condition  | EMC housings   | No             |
| Material of locking element | Stainless steel, rust-proof |                |                |

## 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 lower side | Design                       | Standard                            |
| Installation size              | 4                                | Cable entry                  | w. thread                           |
| Type                           | Plug                             | Clamp version                | Side-locking clamp                  |
| Sealing                        | no sealing                       | Internal thread              | M 20                                |
| Colour (RAL)                   | RAL 7035                         | BG                           | 4                                   |
| Suitable for ModuPlug®         | No                               |                              |                                     |

## Classifications

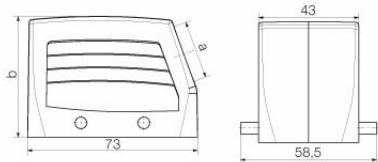
|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | EC000437    | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

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## Drawings



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**Accessories****Cover**

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**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 10B DMDQ 2QB           | Version   |
| Order No.  | <a href="#">1665240000</a> | HDC enclosures, Installation size: 4, Protection degree: IP65, in |
| GTIN (EAN) | 4008190421946              | plugged condition, Cover for upper part of housing, Side-locking  |
| Qty.       | 1 ST                       | clamp on lower side, Standard, Size of cable entries: none        |