

**HDC 10B TOBU 1M20G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 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, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20 |
| Order No.  | <a href="#">1787600000</a>                                                                                                                                                           |
| Type       | HDC 10B TOBU 1M20G                                                                                                                                                                   |
| GTIN (EAN) | 4032248204946                                                                                                                                                                        |
| Qty.       | 1 pc(s).                                                                                                                                                                             |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 73 mm   | Depth (inches)  | 2.874 inch |
| Height     | 52 mm   | Height (inches) | 2.047 inch |
| Width      | 58.5 mm | Width (inches)  | 2.303 inch |
| Net weight | 142 g   |                 |            |

## Temperatures

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

## Environmental Product Compliance

|                     |                                      |                         |
|---------------------|--------------------------------------|-------------------------|
| REACH SVHC          | Lead 7439-92-1                       |                         |
| SCIP                | d447edfa-0214-4f34-b5ba-82eae491b46a |                         |
| 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 benzene       |
|                     | 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 | Height of housing B | 52 mm |
| Total length housing | 73 mm     | Width housing C     | 43 mm |

## General data

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

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## Version

|                              |                                  |                                |                                    |
|------------------------------|----------------------------------|--------------------------------|------------------------------------|
| BG                           | 4                                | Cable entry                    | w. thread                          |
| Clamp version                | Side-locking clamp               | Colour (RAL)                   | RAL 7035                           |
| Design                       | Standard                         | Design of housing              | Cable entry from top, Plug housing |
| Design of locking system     | Side-locking clamp on lower side | Internal thread                | M 20                               |
| Number of cable entry on top | 1                                | Number of cable entry sideways | 0                                  |
| Size                         | 4                                | Size of cable entries          | M 20                               |
| Suitable for ModuPlug®       | No                               | 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 |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E92202     |

## Downloads

|                                             |                                                                                                                            |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a>                                                                                 |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                            |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                                                                               |
| Product Change Notification                 | <a href="#">20220214 Technical change to HDC housings</a><br><a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a> |
| Technical Documentation                     | <a href="#">1787600000 HDC 10B TOBU 1M20G STP Blatt_1.pdf</a>                                                              |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                   |
| Brochures                                   | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a>                                                     |

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## Drawings

