

## HDC 10B TOBU 1PG16G

**Weidmüller Interfaces GmbH & Co. KG**

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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: PG 16 |
| Order No.  | <a href="#">1654220000</a>  |
| Type       | HDC 10B TOBU 1PG16G   |
| GTIN (EAN) | 4008190407049   |
| 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 |
|-------------------|-------------------|

## 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              |                       |                             |

## 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                | PG 16                              |
| Number of cable entry on top | 1                                | Number of cable entry sideways | 0                                  |
| Size                         | 4                                | Size of cable entries          | PG 16                              |
| 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 |

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

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**Technical data**

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

**Environmental Product Compliance**

|                     |   |
|---------------------|---|
| REACH SVHC          | Lead 7439-92-1  |
| SCIP                | d447edfa-0214-4f34-b5ba-82eae491b46a  |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@45f843f6 de.myview.objectmodel.impl.BlockImpl@14736b65<br>de.myview.objectmodel.impl.BlockImpl@498803b1 de.myview.objectmodel.impl.BlockImpl@21bbe782<br>de.myview.objectmodel.impl.BlockImpl@26dbe7b0 de.myview.objectmodel.impl.BlockImpl@29fc884d<br>de.myview.objectmodel.impl.BlockImpl@20e09348 de.myview.objectmodel.impl.BlockImpl@5e19f721<br>de.myview.objectmodel.impl.BlockImpl@27066d35 de.myview.objectmodel.impl.BlockImpl@6a753778<br>de.myview.objectmodel.impl.BlockImpl@4eab83ad de.myview.objectmodel.impl.BlockImpl@5f1ad5a6<br>de.myview.objectmodel.impl.BlockImpl@4b6174b5 |

**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="#">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="#">1654220000 HDC 10B TOBU 1PG16G 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**

