

## HDC 48B TOLU 1M50G

**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: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 50 |
| Order No.  | <a href="#">1788330000</a>   |
| Type       | HDC 48B TOLU 1M50G   |
| GTIN (EAN) | 4032248205868  |
| Qty.       | 1 pc(s).   |

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## Technical data

### Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 151 mm | Depth (inches)  | 5.945 inch |
| Height     | 94 mm  | Height (inches) | 3.701 inch |
| Width      | 90 mm  | Width (inches)  | 3.543 inch |
| Net weight | 722 g  |                 |            |

### Temperatures

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

### Dimensions

|                      |           |                     |       |
|----------------------|-----------|---------------------|-------|
| Cable entry          | w. thread | Height of housing B | 94 mm |
| Total length housing | 132 mm    | Width housing C     | 90 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              | Tightening torque     | 1.2 Nm                      |

### Version

|                              |                               |                                |                                    |
|------------------------------|-------------------------------|--------------------------------|------------------------------------|
| BG                           | 12                            | Cable entry                    | w. thread                          |
| Clamp version                | End-locking clamp             | Colour (RAL)                   | RAL 7035                           |
| Design                       | Standard                      | Design of housing              | Cable entry from top, Plug housing |
| Design of locking system     | End-locking clamp, lower side | Internal thread                | M 50                               |
| Number of cable entry on top | 1                             | Number of cable entry sideways | 0                                  |
| Size                         | 12                            | Size of cable entries          | M 50                               |
| Suitable for ModuPlug®       | Yes                           | Tightening torque              | 1.2 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 | 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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| 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@1c6bbcb3 de.myview.objectmodel.impl.BlockImpl@3d678ea0 de.myview.objectmodel.impl.BlockImpl@31e57b22 de.myview.objectmodel.impl.BlockImpl@8edc92a de.myview.objectmodel.impl.BlockImpl@492262a0 de.myview.objectmodel.impl.BlockImpl@4831f7aa de.myview.objectmodel.impl.BlockImpl@5217a9e5 de.myview.objectmodel.impl.BlockImpl@34d59e14 de.myview.objectmodel.impl.BlockImpl@6eb8cd4c de.myview.objectmodel.impl.BlockImpl@29f3eb96 de.myview.objectmodel.impl.BlockImpl@464427cc de.myview.objectmodel.impl.BlockImpl@5ef9342e de.myview.objectmodel.impl.BlockImpl@76835010 |

## 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="#">1788330000 HDC_48B_TOLU_1M50G_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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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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**Data sheet**

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**Drawings**

