

**HDC 04A TOLU 1M20G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**IP65**

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: 1, 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="#">1788820000</a>   |
| Type       | HDC 04A TOLU 1M20G   |
| GTIN (EAN) | 4032248206360  |
| Qty.       | 1 pc(s).   |

**HDC 04A TOLU 1M20G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 26.8 mm | Depth (inches)  | 1.055 inch |
| Height     | 50 mm   | Height (inches) | 1.969 inch |
| Width      | 36.5 mm | Width (inches)  | 1.437 inch |
| Net weight | 26 g    |                 |            |

**Temperatures**

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

**Dimensions**

|                      |           |                     |         |
|----------------------|-----------|---------------------|---------|
| Cable entry          | w. thread | Height of housing B | 50 mm   |
| Total length housing | 26.8 mm   | Width housing C     | 26.8 mm |

**General data**

|                   |                             |                       |                   |
|-------------------|-----------------------------|-----------------------|-------------------|
| EMC housings      | No                          | Housing main material | diecast aluminium |
| Protection degree | IP65 (in plugged condition) | Surface finish        | Powder coating    |
| Tightening torque | 0.5 Nm                      |                       |                   |

**Version**

|                              |                                  |                                |                                    |
|------------------------------|----------------------------------|--------------------------------|------------------------------------|
| BG                           | 1                                | 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                         | 1                                | Size of cable entries          | M 20                               |
| Suitable for ModuPlug®       | No                               | Tightening torque              | 0.5 Nm                             |
| Top part/bottom part/lid     | upper part                       | Type                           | Plug                               |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | EC000437    | ETIM 9.0    | 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 | ECLASS 13.0 | 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        |

## HDC 04A TOLU 1M20G

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

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

## Environmental Product Compliance

|                     |   |
|---------------------|---|
| REACH SVHC          | Lead 7439-92-1  |
| SCIP                | d447edfa-0214-4f34-b5ba-82eae491b46a  |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@747b0d7 de.myview.objectmodel.impl.BlockImpl@1804f8e1<br>de.myview.objectmodel.impl.BlockImpl@9cedf06 de.myview.objectmodel.impl.BlockImpl@7f2515e4<br>de.myview.objectmodel.impl.BlockImpl@455ec3df de.myview.objectmodel.impl.BlockImpl@7a22f865<br>de.myview.objectmodel.impl.BlockImpl@5eb3ec8 de.myview.objectmodel.impl.BlockImpl@52b681a4<br>de.myview.objectmodel.impl.BlockImpl@6145e016 de.myview.objectmodel.impl.BlockImpl@c49dd8b<br>de.myview.objectmodel.impl.BlockImpl@5008afb4 de.myview.objectmodel.impl.BlockImpl@36d5afb0<br>de.myview.objectmodel.impl.BlockImpl@78deac2c |

## Approvals

Approvals



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

## Downloads

|                             |  |
|-----------------------------|--|
| Engineering Data            | <a href="#">CAD data – STEP</a>  |
| Engineering Data            | <a href="#">Zuken E3.S</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="#">1788820000_HDC_04A_TOLU_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>   |

Creation date July 5, 2024 1:17:07 AM CEST

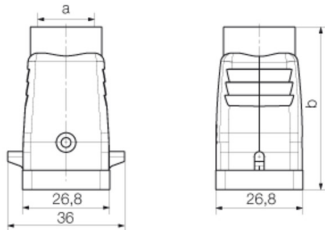
Catalogue status 29.06.2024 / We reserve the right to make technical changes.

## HDC 04A TOLU 1M20G

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

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

## Drawings



**HDC 04A TOLU 1M20G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**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 04A DODL 1LB           | Version  |
| Order No.  | <a href="#">1963690000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4032248645961              |  |
| Qty.       | 1 pc(s).                   |  |