

**HDC 04A TOLU 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: 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).                                                                                                                                                                             |

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## 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 |
|-------------------|-------------------|

## 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 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 | 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                      |                       |                   |

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## 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    | 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

|                             |                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Engineering Data            | <a href="#">CAD data – STEP</a>                                                                                            |
| Engineering Data            | <a href="#">EPLAN, WSCAD, 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>                                                     |

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## Drawings

