

**HDC 04A TWLU 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 side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20 |
| Order No.  | <a href="#">1788810000</a>                                                                                                                                                            |
| Type       | HDC 04A TWLU 1M20G                                                                                                                                                                    |
| GTIN (EAN) | 4032248206353                                                                                                                                                                         |
| Qty.       | 1 pc(s).                                                                                                                                                                              |

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## Technical data

## Dimensions and weights

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Depth      | 27 mm | Depth (inches)  | 1.063 inch |
| Height     | 50 mm | Height (inches) | 1.969 inch |
| Width      | 37 mm | Width (inches)  | 1.457 inch |
| Net weight | 30 g  |                 |            |

## Temperatures

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

## Dimensions

|                      |           |                     |       |
|----------------------|-----------|---------------------|-------|
| Cable entry          | w. thread | Height of housing B | 50 mm |
| Total length housing | 37 mm     | Width housing C     | 27 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 side, Plug housing |
| Design of locking system     | Side-locking clamp on lower side | Internal thread                | M 20                                |
| Number of cable entry on top | 0                                | Number of cable entry sideways | 1                                   |
| 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    |
| ETIM 10.0   | 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 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 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               |

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

**Environmental Product Compliance**

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliance Status | Compliant without exemption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| REACH SVHC             | No SVHC above 0.1 wt%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Chemical resistance    | de.myview.objectmodel.impl.BlockImpl@163c9216 de.myview.objectmodel.impl.BlockImpl@585b4d72<br>de.myview.objectmodel.impl.BlockImpl@27cf3d29 de.myview.objectmodel.impl.BlockImpl@102d21b<br>de.myview.objectmodel.impl.BlockImpl@73dc5c0f de.myview.objectmodel.impl.BlockImpl@716ebfdb<br>de.myview.objectmodel.impl.BlockImpl@2f96f2aa de.myview.objectmodel.impl.BlockImpl@38136f49<br>de.myview.objectmodel.impl.BlockImpl@29be7060 de.myview.objectmodel.impl.BlockImpl@2daa92eb<br>de.myview.objectmodel.impl.BlockImpl@35313656 de.myview.objectmodel.impl.BlockImpl@16fb6e9e<br>de.myview.objectmodel.impl.BlockImpl@4c9c2151 |

**Approvals**

Approvals



|                         |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                 |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                              |
| Certificate No. (cURus) | E92202                                                                                                                                                                                                                                                                                                                                                  |

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## Technical data

### Downloads

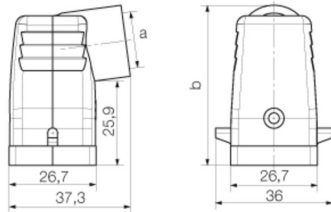
|                             |                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Engineering Data            | <a href="#">CAD data – STEP</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="#">1788810000 HDC_04A_TWLU_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



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

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**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).                   |                                                                                                                                                      |