

## HDC 04A SLU 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), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20 |
| Order No.  | <a href="#">1788830000</a>   |
| Type       | HDC 04A SLU 1M20G  |
| GTIN (EAN) | 4032248206377  |
| Qty.       | 1 pc(s).   |

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## Technical data

## Dimensions and weights

|                            |         |                 |            |
|----------------------------|---------|-----------------|------------|
| Depth                      | 65.5 mm | Depth (inches)  | 2.579 inch |
| Height                     | 52.8 mm | Height (inches) | 2.079 inch |
| Width                      | 36.5 mm | Width (inches)  | 1.437 inch |
| Mounting dimension - width | 30 mm   | Net weight      | 26.6 g     |

## Temperatures

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

## Dimensions

|                      |           |                      |       |
|----------------------|-----------|----------------------|-------|
| Cable entry          | w. thread | Height of base B1    | 3 mm  |
| Height of housing B  | 41.5 mm   | Hole pitch length A2 | 30 mm |
| Total length housing | 26.8 mm   | Width base C1        | 42 mm |
| Width housing C      | 25.2 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     | 0.5 Nm                      |

## Version

|                              |                                  |                                |              |
|------------------------------|----------------------------------|--------------------------------|--------------|
| BG                           | 1                                | Cable entry                    | w. thread    |
| Clamp version                | Side-locking clamp               | Colour (RAL)                   | RAL 7035     |
| Design                       | Standard                         | Design of housing              | Base 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     | lower part                       | Type                           | Base housing |

## 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        |

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|                     |                         |
|---------------------|-------------------------|
| 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@60d9653c de.myview.objectmodel.impl.BlockImpl@4a0a312b de.myview.objectmodel.impl.BlockImpl@4d558909 de.myview.objectmodel.impl.BlockImpl@4d5f3995 de.myview.objectmodel.impl.BlockImpl@66845587 de.myview.objectmodel.impl.BlockImpl@7d9ca315 de.myview.objectmodel.impl.BlockImpl@1c60706e de.myview.objectmodel.impl.BlockImpl@28c761e6 de.myview.objectmodel.impl.BlockImpl@6c2b3114 de.myview.objectmodel.impl.BlockImpl@7437b38f de.myview.objectmodel.impl.BlockImpl@6b4b4e67 de.myview.objectmodel.impl.BlockImpl@7810dab9 de.myview.objectmodel.impl.BlockImpl@4d86f73e |

## 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="#">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="#">1788830000_HDC_04A_SLU_M20G_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 03.02.2023 / We reserve the right to make technical changes.

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