

## HDC 10A 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: 2, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 20 |
| Order No.  | <a href="#">1901100000</a>  |
| Type       | HDC 10A SLU 1M20G   |
| GTIN (EAN) | 4032248586172   |
| Qty.       | 1 pc(s).  |

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## Technical data

## Dimensions and weights

|                             |         |                            |            |
|-----------------------------|---------|----------------------------|------------|
| Height                      | 57 mm   | Height (inches)            | 2.244 inch |
| Width                       | 62.7 mm | Width (inches)             | 2.468 inch |
| Mounting dimension - height | 40 mm   | Mounting dimension - width | 48 mm      |
| Net weight                  | 203 g   |                            |            |

## Temperatures

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

## Dimensions

|                      |           |                      |       |
|----------------------|-----------|----------------------|-------|
| Cable entry          | w. thread | Height of base B1    | 4 mm  |
| Height of housing B  | 57 mm     | Hole pitch length A2 | 48 mm |
| Total length housing | 63 mm     | Width base C1        | 50 mm |
| Width housing C      | 29.5 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                           | 2                             | Cable entry                    | w. thread    |
| Clamp version                | End-locking clamp             | Colour (RAL)                   | RAL 7035     |
| Design                       | Standard                      | Design of housing              | Base housing |
| Design of locking system     | End-locking clamp, lower side | Internal thread                | M 20         |
| Number of cable entry on top | 0                             | Number of cable entry sideways | 1            |
| Size                         | 2                             | 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 Potassium perfluorobutane sulfonate 29420-49-3  |
| SCIP                | e98b2b24-ba23-41bf-8d19-0dda3647412f   |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@11fed0d4 de.myview.objectmodel.impl.BlockImpl@ee28095 de.myview.objectmodel.impl.BlockImpl@48a3bb67 de.myview.objectmodel.impl.BlockImpl@3374a10e de.myview.objectmodel.impl.BlockImpl@54ebafc4 de.myview.objectmodel.impl.BlockImpl@4e977be4 de.myview.objectmodel.impl.BlockImpl@1bba89d2 de.myview.objectmodel.impl.BlockImpl@d50277a de.myview.objectmodel.impl.BlockImpl@44c2c9b de.myview.objectmodel.impl.BlockImpl@71f13fad de.myview.objectmodel.impl.BlockImpl@3ecacc58 de.myview.objectmodel.impl.BlockImpl@32ad570c de.myview.objectmodel.impl.BlockImpl@57e08d36 |

## 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</a>  |
| Product Change Notification | <a href="#">20220214 Technical change to HDC housings</a><br><a href="#">20220214 Technische Änderung bei HDC-Gehäusen</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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