

**HDC 10B SLU 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: 4, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 20 |
| Order No.  | <a href="#">1901620000</a>                                                                                                                                  |
| Type       | HDC 10B SLU 1M20G                                                                                                                                           |
| GTIN (EAN) | 4032248587315                                                                                                                                               |
| Qty.       | 1 pc(s).                                                                                                                                                    |

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

|                             |          |                            |            |
|-----------------------------|----------|----------------------------|------------|
| Height                      | 57 mm    | Height (inches)            | 2.244 inch |
| Width                       | 77.7 mm  | Width (inches)             | 3.059 inch |
| Mounting dimension - height | 40 mm    | Mounting dimension - width | 82 mm      |
| Net weight                  | 240.24 g |                            |            |

**Temperatures**

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

**Dimensions**

|                      |           |                      |         |
|----------------------|-----------|----------------------|---------|
| Cable entry          | w. thread | Height of base B1    | 5 mm    |
| Height of housing B  | 57 mm     | Hole pitch length A2 | 82 mm   |
| Total length housing | 73 mm     | Width base C1        | 53.5 mm |
| Width housing C      | 43 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              |                       |                             |

**Version**

|                              |                               |                                |              |
|------------------------------|-------------------------------|--------------------------------|--------------|
| BG                           | 4                             | 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            |
| Sealing                      | NBR                           | Size                           | 4            |
| Size of cable entries        | M 20                          | Suitable for ModuPlug®         | No           |
| Top part/bottom part/lid     | lower part                    | Type                           | Base housing |

**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           |

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## Technical data

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

## Environmental Product Compliance

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliance Status | Compliant without exemption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| REACH SVHC             | Potassium perfluorobutane sulfonate 29420-49-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SCIP                   | e98b2b24-ba23-41bf-8d19-0dda3647412f                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Chemical resistance    | de.myview.objectmodel.impl.BlockImpl@60996986 de.myview.objectmodel.impl.BlockImpl@826539<br>de.myview.objectmodel.impl.BlockImpl@72e39dc3 de.myview.objectmodel.impl.BlockImpl@cc95903<br>de.myview.objectmodel.impl.BlockImpl@27b7c445 de.myview.objectmodel.impl.BlockImpl@348fc627<br>de.myview.objectmodel.impl.BlockImpl@5a6c58f0 de.myview.objectmodel.impl.BlockImpl@1cab13ff<br>de.myview.objectmodel.impl.BlockImpl@5a779c3 de.myview.objectmodel.impl.BlockImpl@4fd339ae<br>de.myview.objectmodel.impl.BlockImpl@7740537c de.myview.objectmodel.impl.BlockImpl@33b09280<br>de.myview.objectmodel.impl.BlockImpl@de79c54 |

## 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> |
| Catalogues                  | <a href="#">Catalogues in PDF-format</a>                                                                                   |
| Brochures                   | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a>                                                     |