

**HDC 06B 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: 3, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, without cover, Size of cable entries: M 20 |
| Order No.  | <a href="#">1900460000</a>                                                                                                                                                 |
| Type       | HDC 06B SLU 1M20G                                                                                                                                                          |
| GTIN (EAN) | 4032248585939                                                                                                                                                              |
| Qty.       | 1 pc(s).                                                                                                                                                                   |

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

|                             |         |                            |            |
|-----------------------------|---------|----------------------------|------------|
| Height                      | 54 mm   | Height (inches)            | 2.126 inch |
| Width                       | 71.7 mm | Width (inches)             | 2.823 inch |
| Mounting dimension - height | 40 mm   | Mounting dimension - width | 70 mm      |
| Net weight                  | 225 g   |                            |            |

**Temperatures**

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

**Environmental Product Compliance**

|                     |                                                                |                         |
|---------------------|----------------------------------------------------------------|-------------------------|
| REACH SVHC          | Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3 |                         |
| SCIP                | e98b2b24-ba23-41bf-8d19-0dda3647412f                           |                         |
| 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 base B1    | 5 mm    |
| Height of housing B  | 54 mm     | Hole pitch length A2 | 70 mm   |
| Total length housing | 60 mm     | Width base C1        | 54.5 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              |                             | Tightening torque     | 1.2 Nm                      |

Creation date November 24, 2022 6:12:36 PM CET

Catalogue status 18.11.2022 / We reserve the right to make technical changes.

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**Technical data****Version**

|                                |                   |                              |                               |
|--------------------------------|-------------------|------------------------------|-------------------------------|
| BG                             | 3                 | Cable entry                  | w. thread                     |
| Clamp version                  | End-locking clamp | Colour (RAL)                 | RAL 7035                      |
| Design                         | Standard          | Design of cover              | without cover                 |
| 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                           | 3                 | Size of cable entries        | M 20                          |
| Suitable for ModuPlug®         | No                | Tightening torque            | 1.2 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 |

**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</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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## Drawings

