

**HDC 06B SDLU 2M20G****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, with cover, Size of cable entries: M 20 |
| Order No.  | <a href="#">1788170000</a>                                                                                                                                              |
| Type       | HDC 06B SDLU 2M20G                                                                                                                                                      |
| GTIN (EAN) | 4032248205608                                                                                                                                                           |
| Qty.       | 1 pc(s).                                                                                                                                                                |

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## Technical data

## Dimensions and weights

|                             |         |                            |            |
|-----------------------------|---------|----------------------------|------------|
| Height                      | 72 mm   | Height (inches)            | 2.835 inch |
| Width                       | 92.5 mm | Width (inches)             | 3.642 inch |
| Mounting dimension - height | 40 mm   | Mounting dimension - width | 70 mm      |
| Net weight                  | 293 g   |                            |            |

## Temperatures

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

## Environmental Product Compliance

|                     |                                                                |                         |  |
|---------------------|----------------------------------------------------------------|-------------------------|--|
| REACH SVHC          | Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3 |                         |  |
| 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. threading | 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 class note | Protection class with secured cover: IP 65 |
| Protection degree           |                             | Surface finish        | Powder coating                             |
| Tightening torque           | 1.2 Nm                      |                       |                                            |

Creation date October 30, 2021 10:13:05 AM CEST

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**Technical data****Version**

|                                |              |                              |                               |
|--------------------------------|--------------|------------------------------|-------------------------------|
| Cable entry                    | w. threading | Clamp version                | End-locking clamp             |
| Colour (RAL)                   | RAL 7035     | Cover                        | with cover                    |
| Design                         | Standard     | Design of cover              | with 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 | 2            | 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 |             |             |

**Approvals**

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E92202  |

**Downloads**

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a>                             |
| Engineering Data                            | <a href="#">STEP</a>                                                   |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                               |
| Technical Documentation                     | <a href="#">1788170000 HDC_06B SDLU 2M20G 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

