

## HDC 10B KBU 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: 4, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20 |
| Order No.  | <a href="#">1787720000</a>   |
| Type       | HDC 10B KBU 1M20G  |
| GTIN (EAN) | 4032248205066  |
| Qty.       | 1 pc(s).   |

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 115.7 mm   | Depth (inches)  | 4.555 inch |
| Height         | 55 mm      | Height (inches) | 2.165 inch |
| Net weight     | 211 g      | Width           | 55 mm      |
| Width (inches) | 2.165 inch |                 |            |

## 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 housing B | 54.65 mm |
| Total length housing | 73 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) |
|                             | Powder coating              | Tightening torque     | 1.2 Nm                      |

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**Technical data****Version**

|                              |                                  |                                |                    |
|------------------------------|----------------------------------|--------------------------------|--------------------|
| Cable entry                  | w. threading                     | Clamp version                  | Side-locking clamp |
| Design                       | Standard                         | Design of housing              | Coupling housing   |
| Design of locking system     | Side-locking clamp on lower side | Internal thread                | M 20               |
| Number of cable entry on top | 1                                | Number of cable entry sideways | 0                  |
| Sealing                      | NBR                              | Size                           | 4                  |
| Size of cable entries        | M 20                             | Suitable for ModuPlug®         | No                 |
| Tightening torque            | 1.2 Nm                           | Top part/bottom part/lid       | lower part         |
| Type                         | coupling extension               |                                |                    |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | 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</a>                                 |
| Technical Documentation                     | <a href="#">1787720000_HDC_10B_KBU_1M20G_STP_Blatt_1.pdf</a> |

**Data sheet**

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**Drawings**

