

**HDC enclosures**  
**HDC 10B KBU 1M20G**

**Weidmüller Interface GmbH & Co. KG**  
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[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**

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

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

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

**Temperatures**

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

**Environmental Product Compliance**

|            |                                                                      |
|------------|----------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1,<br>Potassium perfluorobutane<br>sulfonate 29420-49-3 |
|------------|----------------------------------------------------------------------|

**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              |
| Surface finish              | Powder coating              | Tightening torque     | 1.2 Nm            |

**Version**

|                              |                                     |                                |                    |
|------------------------------|-------------------------------------|--------------------------------|--------------------|
| Cable entry                  | w. threading                        | Clamp version                  | Side-locking clamp |
| Design                       | Standard                            | Design of housing              | Closed housing     |
| Design of locking system     | Side-locking clamp on<br>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 | UNSPSC     | 30-21-18-01 |

**Approvals**

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

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## Technical data

### Downloads

|                         |                                                                         |
|-------------------------|-------------------------------------------------------------------------|
| Brochure/Catalogue      | <a href="#">CAT 3 HDC 17/18 EN</a><br><a href="#">FL FIELDWIRING EN</a> |
| Engineering Data        | <a href="#">EPLAN, WSCAD</a>                                            |
| Engineering Data        | <a href="#">STEP</a>                                                    |
| Technical Documentation | <a href="#">1787720000_HDC_10B_KBU_1M20G_STP_Blatt_1.pdf</a>            |

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## Drawings

