

**HDC 10B KBU 1M25G****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, Installation size: 4, Protection degree: IP65, in plugged condition, Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25 |
| Order No.  | <a href="#">1021250000</a>   |
| Type       | HDC 10B KBU 1M25G  |
| GTIN (EAN) | 4032248736232  |
| Qty.       | 1 items  |

## HDC 10B KBU 1M25G

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

|            |          |                 |             |
|------------|----------|-----------------|-------------|
| Depth      | 115.7 mm | Depth (inches)  | 4.5551 inch |
| Height     | 55 mm    | Height (inches) | 2.1654 inch |
| Width      | 55 mm    | Width (inches)  | 2.1654 inch |
| Net weight | 206 g    |                 |             |

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC Potassium perfluorobutane sulfonate 29420-49-3

SCIP b67daa31-7dca-434d-8290-da7fb52f83a2

|                     |                     |                         |
|---------------------|---------------------|-------------------------|
| 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 | Width housing C     | 43 mm |
| Total length housing | 73 mm     | Height of housing B | 55 mm |

Creation date 22.12.2025 06:02:24 MEZ

Catalogue status / Drawings

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## Technical data

## General data

|                             |                             |                |                |
|-----------------------------|-----------------------------|----------------|----------------|
| Housing main material       | diecast aluminium           | Surface finish | Powder coating |
| Protection degree           | IP65, in plugged condition  | EMC housings   | No             |
| Material of locking element | Stainless steel, rust-proof |                |                |

## Version

|                              |                    |                                |                                  |
|------------------------------|--------------------|--------------------------------|----------------------------------|
| Number of cable glands       | 0                  | Size of cable entries          | M 25                             |
| Top part/bottom part/lid     | lower part         | Cover                          | without cover                    |
| Number of cable entry on top | 1                  | Number of cable entry sideways | 0                                |
| Design of housing            | Coupling housing   | Design of locking system       | Side-locking clamp on lower side |
| Design                       | Standard           | Installation size              | 4                                |
| Cable entry                  | w. thread          | Type                           | coupling extension               |
| Clamp version                | Side-locking clamp | Sealing                        | NBR                              |
| Internal thread              | M 25               | Colour (RAL)                   | RAL 7035                         |
| BG                           | 4                  | Suitable for ModuPlug®         | No                               |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | EC000437    | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

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**Accessories****Cover**

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- your first choice for industrial housings with IP 65 protection.

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 10B DODQ 4B0           | Version   |
| Order No.  | <a href="#">1665230000</a> | HDC enclosures, Installation size: 4, Protection degree: IP65, in |
| GTIN (EAN) | 4008190421939              | plugged condition, Cover for lower part of housing, Side-locking  |
| Qty.       | 1 ST                       | clamp on lower side, Standard, Size of cable entries: none        |