

**HDC 40D KBU 1M25G N****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: 6, Protection degree: IP65, in plugged condition, Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29 |
| Order No.  | <a href="#">2559890000</a>                                                                                                                                                  |
| Type       | HDC 40D KBU 1M25G N                                                                                                                                                         |
| GTIN (EAN) | 4050118676440                                                                                                                                                               |
| Qty.       | 1 items                                                                                                                                                                     |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

|            |       |                 |             |
|------------|-------|-----------------|-------------|
| Height     | 79 mm | Height (inches) | 3.1102 inch |
| Width      | 55 mm | Width (inches)  | 2.1654 inch |
| Net weight | 338 g |                 |             |

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

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 | 93.3 mm   | Height of housing B | 79 mm |

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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 | Polyamide, Stainless steel, rust-proof |                |                |

## Version

|                              |                    |                                |                                  |
|------------------------------|--------------------|--------------------------------|----------------------------------|
| Size of cable entries        | PG 29              | Top part/bottom part/lid       | lower part                       |
| 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                       | high               | Installation size              | 6                                |
| Cable entry                  | w. thread          | Type                           | coupling extension               |
| Clamp version                | Side-locking clamp | Sealing                        | NBR                              |
| Internal thread              | PG 29              | Colour (RAL)                   | RAL 7035                         |
| BG                           | 6                  | Suitable for ModuPlug®         | Yes                              |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | 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 |
| ECLASS 13.0 | 27-44-02-02 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |