

**HDC 10B KBU 1PG16G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**IP65**

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: PG 16 |
| Order No.  | <a href="#">1654580000</a>  |
| Type       | HDC 10B KBU 1PG16G  |
| GTIN (EAN) | 4008190407407   |
| Qty.       | 1 pc(s).  |

## HDC 10B KBU 1PG16G

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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 |
| Width      | 55 mm    | Width (inches)  | 2.165 inch |
| Net weight | 208 g    |                 |            |

## Temperatures

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

## Dimensions

|                      |           |                     |       |
|----------------------|-----------|---------------------|-------|
| Cable entry          | w. thread | Height of housing B | 55 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 |                             | Protection degree     | IP65 (in plugged condition) |
| Surface finish              | Stainless steel, rust-proof |                       |                             |
|                             | Powder coating              |                       |                             |

## Version

|                              |                                  |                                |                    |
|------------------------------|----------------------------------|--------------------------------|--------------------|
| BG                           | 4                                | Cable entry                    | w. thread          |
| Clamp version                | Side-locking clamp               | Colour (RAL)                   | RAL 7035           |
| Design                       | Standard                         | Design of housing              | Coupling housing   |
| Design of locking system     | Side-locking clamp on lower side | Internal thread                | PG 16              |
| Number of cable entry on top | 1                                | Number of cable entry sideways | 0                  |
| Sealing                      | NBR                              | Size                           | 4                  |
| Size of cable entries        | PG 16                            | Suitable for ModuPlug®         | No                 |
| Top part/bottom part/lid     | lower part                       | Type                           | coupling extension |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | EC000437    | ETIM 9.0    | 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 |

|                     |                         |
|---------------------|-------------------------|
| 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               |

Creation date July 7, 2024 9:19:12 PM CEST

Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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## Technical data

|                     |                         |
|---------------------|-------------------------|
| 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                |

## Environmental Product Compliance

|                     |   |
|---------------------|---|
| REACH SVHC          | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3   |
| SCIP                | e98b2b24-ba23-41bf-8d19-Odda3647412f  |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@7497c0c9 de.myview.objectmodel.impl.BlockImpl@1277fd7a<br>de.myview.objectmodel.impl.BlockImpl@1a2fcf de.myview.objectmodel.impl.BlockImpl@55947945<br>de.myview.objectmodel.impl.BlockImpl@1f4f6ab6 de.myview.objectmodel.impl.BlockImpl@32fed808<br>de.myview.objectmodel.impl.BlockImpl@634bedcf de.myview.objectmodel.impl.BlockImpl@15e3feb2<br>de.myview.objectmodel.impl.BlockImpl@719d3c62 de.myview.objectmodel.impl.BlockImpl@356794c1<br>de.myview.objectmodel.impl.BlockImpl@9fe3237 de.myview.objectmodel.impl.BlockImpl@3e24bd4<br>de.myview.objectmodel.impl.BlockImpl@1b0419e6 |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E92202     |

## Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a>   |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| Product Change Notification                 | <a href="#">20220214 Technical change to HDC housings</a><br><a href="#">20220214 Technische Änderung bei HDC-Gehäusen</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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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Cover**

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**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 10B DODQ 4B0           | Version  |
| Order No.  | <a href="#">1665230000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4008190421939              |  |
| Qty.       | 1 pc(s).                   |  |