

## HDC 16B ADLU

**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: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, with cover |
| Order No.  | <a href="#">1210100000</a>   |
| Type       | HDC 16B ADLU   |
| GTIN (EAN) | 4008190050924  |
| Qty.       | 1 pièce(s)   |

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## Caractéristiques techniques

## Dimensions and weights

|                             |         |                            |            |
|-----------------------------|---------|----------------------------|------------|
| Height                      | 47 mm   | Height (inches)            | 1,85 inch  |
| Width                       | 98,5 mm | Width (inches)             | 3,878 inch |
| Mounting dimension - height | 32 mm   | Mounting dimension - width | 103 mm     |
| Net weight                  | 245 g   |                            |            |

## Temperatures

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

## Dimensions

|                      |        |                      |         |
|----------------------|--------|----------------------|---------|
| Height of base B1    | 5 mm   | Height of housing B  | 30 mm   |
| Hole pitch length A2 | 103 mm | Total length housing | 93,3 mm |
| Width base C1        | 47 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 class note | Protection class with secured cover: IP 65 |
| Protection degree           | IP65 (in plugged condition) | Surface finish        | Powder coating                             |

## Version

|                        |                         |                          |                               |
|------------------------|-------------------------|--------------------------|-------------------------------|
| BG                     | 6                       | Clamp version            | End-locking clamp             |
| Colour (RAL)           | RAL 7035                | Cover                    | with cover                    |
| Design                 | Standard                | Design of cover          | with cover                    |
| Design of housing      | Bulkhead housing        | Design of locking system | End-locking clamp, lower side |
| Sealing                | NBR                     | Size                     | 6                             |
| Suitable for ModuPlug® | Yes                     | Top part/bottom part/lid | lower part                    |
| Type                   | Bulkhead (feed-through) |                          |                               |

## 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 |
| ECLASS 14.0 | 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               |

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**Caractéristiques techniques**

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

**Environmental Product Compliance**

|                                      |  |
|--------------------------------------|--|
| RoHS Compliance Status               | Compliant with exemption   |
| RoHS Exemption (if applicable/known) | 6bl  |
| REACH SVHC                           | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3  |
| SCIP                                 | e98b2b24-ba23-41bf-8d19-0dda3647412f   |
| Chemical resistance                  | de.myview.objectmodel.impl.BlockImpl@201c4fe7 de.myview.objectmodel.impl.BlockImpl@60ceef33 de.myview.objectmodel.impl.BlockImpl@499713a3 de.myview.objectmodel.impl.BlockImpl@26b48835 de.myview.objectmodel.impl.BlockImpl@64158873 de.myview.objectmodel.impl.BlockImpl@73b544b5 de.myview.objectmodel.impl.BlockImpl@24e4b6b de.myview.objectmodel.impl.BlockImpl@b98e37 de.myview.objectmodel.impl.BlockImpl@4827d843 de.myview.objectmodel.impl.BlockImpl@116ead1e de.myview.objectmodel.impl.BlockImpl@618bb94b de.myview.objectmodel.impl.BlockImpl@2d0f4b7b de.myview.objectmodel.impl.BlockImpl@5b9c6b59 |

**Important note**

|                     |   |
|---------------------|---|
| Product information | When mounting the housings, make sure that the flat gasket is correctly seated. |
|---------------------|---|

**Approvals**

Approvals



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

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[www.weidmueller.com](http://www.weidmueller.com)**Caractéristiques techniques****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> |
| Technical Documentation                     | <a href="#">1210100000 HDC 16B ADLU STP Blatt_1.pdf</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |
| Brochures                                   | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a>   |

**Fiche de données****HDC 16B ADLU**

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**Dessins**