

**HDC 16B ADBO****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: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on upper side, Standard, with cover |
| Order No.  | <a href="#">1209200000</a>  |
| Type       | HDC 16B ADBO  |
| GTIN (EAN) | 4008190871130   |
| Qty.       | 1 pc(s).  |

## HDC 16B ADBO

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## Technical data

## Dimensions and weights

|                             |        |                            |            |
|-----------------------------|--------|----------------------------|------------|
| Depth                       | 115 mm | Depth (inches)             | 4.528 inch |
| Height                      | 47 mm  | Height (inches)            | 1.85 inch  |
| Width                       | 77 mm  | Width (inches)             | 3.031 inch |
| Mounting dimension - height | 32 mm  | Mounting dimension - width | 103 mm     |
| Net weight                  | 178 g  |                            |            |

## Temperatures

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

## Dimensions

|                      |        |                      |       |
|----------------------|--------|----------------------|-------|
| Height of base B1    | 5 mm   | Height of housing B  | 29 mm |
| Hole pitch length A2 | 103 mm | Total length housing | 93 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 for this version of cover: IP20 |
| Protection degree           | IP65 (in plugged condition) | Surface finish        | Powder coating                                   |

## Version

|                        |                         |                          |                                  |
|------------------------|-------------------------|--------------------------|----------------------------------|
| BG                     | 6                       | Clamp version            | Side-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 | Side-locking clamp on upper 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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|                     |                         |
|---------------------|-------------------------|
| 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@19e17a85 de.myview.objectmodel.impl.BlockImpl@47814fa0<br>de.myview.objectmodel.impl.BlockImpl@6603660b de.myview.objectmodel.impl.BlockImpl@782c6a9d<br>de.myview.objectmodel.impl.BlockImpl@6a0b024f de.myview.objectmodel.impl.BlockImpl@27babce1<br>de.myview.objectmodel.impl.BlockImpl@5a74b523 de.myview.objectmodel.impl.BlockImpl@41175472<br>de.myview.objectmodel.impl.BlockImpl@733c2f65 de.myview.objectmodel.impl.BlockImpl@193d857<br>de.myview.objectmodel.impl.BlockImpl@7e31a8eb de.myview.objectmodel.impl.BlockImpl@5fed79b<br>de.myview.objectmodel.impl.BlockImpl@17ab9746 |

## 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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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)  
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1209200000 HDC 16B ADBO STP Blatt 1.pdf](#)

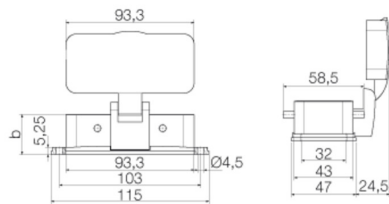
Catalogues

[Catalogues in PDF-format](#)

Brochures

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

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

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 16B DODQ 2QB           | Version  |
| Order No.  | <a href="#">1009090000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on upper side, Standard |
| GTIN (EAN) | 4032248713837              |  |
| Qty.       | 1 pc(s).                   |  |