

## HDC 24B ABU 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, Size: 8, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard |
| Order No.  | <a href="#">2488600000</a>  |
| Type       | HDC 24B ABU N   |
| GTIN (EAN) | 4050118541533   |
| Qty.       | 1 pièce(s)  |

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## Caractéristiques techniques

## Dimensions and weights

|                             |          |                            |            |
|-----------------------------|----------|----------------------------|------------|
| Height                      | 29,5 mm  | Height (inches)            | 1,161 inch |
| Width                       | 57 mm    | Width (inches)             | 2,244 inch |
| Mounting dimension - height | 32 mm    | Mounting dimension - width | 130 mm     |
| Net weight                  | 124,96 g |                            |            |

## Temperatures

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

## Dimensions

|                      |        |                      |        |
|----------------------|--------|----------------------|--------|
| Height of housing B  | 30 mm  | Hole pitch length A2 | 130 mm |
| Total length housing | 120 mm | Width housing C      | 43 mm  |

## General data

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

## Version

|                        |                         |                          |                                  |
|------------------------|-------------------------|--------------------------|----------------------------------|
| BG                     | 8                       | Clamp version            | Side-locking clamp               |
| Colour (RAL)           | RAL 7035                | Design                   | Standard                         |
| Design of housing      | Bulkhead housing        | Design of locking system | Side-locking clamp on lower side |
| Sealing                | NBR                     | Size                     | 8                                |
| 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               |
| Substance           | Transmission oil        |
| Chemical resistance | Resistant               |

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**Caractéristiques techniques**

|                     |                         |
|---------------------|-------------------------|
| 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  |
| SCIP                                 | d447edfa-0214-4f34-b5ba-82eae491b46a  |
| Chemical resistance                  | de.myview.objectmodel.impl.BlockImpl@57f4667e de.myview.objectmodel.impl.BlockImpl@2712e0c2 de.myview.objectmodel.impl.BlockImpl@64377296 de.myview.objectmodel.impl.BlockImpl@6a1f9da7 de.myview.objectmodel.impl.BlockImpl@1eacc10c de.myview.objectmodel.impl.BlockImpl@2e0826eb de.myview.objectmodel.impl.BlockImpl@7174527e de.myview.objectmodel.impl.BlockImpl@67100b52 de.myview.objectmodel.impl.BlockImpl@1fcc121d de.myview.objectmodel.impl.BlockImpl@701c4071 de.myview.objectmodel.impl.BlockImpl@23280bae de.myview.objectmodel.impl.BlockImpl@4405ce02 de.myview.objectmodel.impl.BlockImpl@3ba67065 |

**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     |

**Fiche de données****HDC 24B ABU N**

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**Caractéristiques techniques****Downloads**

|                             |  |
|-----------------------------|--|
| 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="#">Customer drawing</a>   |
| Catalogues                  | <a href="#">Catalogues in PDF-format</a>   |