

**HDC 24B ABO****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 upper side, Standard |
| Order No.  | <a href="#">1967910000</a>  |
| Type       | HDC 24B ABO   |
| GTIN (EAN) | 4032248780785   |
| Qty.       | 1 pc(s).  |

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## Technical data

## Dimensions and weights

|                             |         |                            |            |
|-----------------------------|---------|----------------------------|------------|
| Height                      | 28.8 mm | Height (inches)            | 1.134 inch |
| Width                       | 47 mm   | Width (inches)             | 1.85 inch  |
| Mounting dimension - height | 32 mm   | Mounting dimension - width | 130 mm     |
| Net weight                  | 107 g   |                            |            |

## Temperatures

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

## Dimensions

|                      |        |                      |        |
|----------------------|--------|----------------------|--------|
| Height of base B1    | 5.3 mm | Height of housing B  | 29 mm  |
| Hole pitch length A2 | 130 mm | Total length housing | 120 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 degree     | IP65 (in plugged condition) |
| Surface finish              | Powder coating              |                       |                             |

## Version

|                          |                                  |                        |                         |
|--------------------------|----------------------------------|------------------------|-------------------------|
| BG                       | 8                                | Clamp version          | Side-locking clamp      |
| Colour (RAL)             | RAL 7035                         | Cover                  | without cover           |
| Design                   | Standard                         | Design of housing      | Bulkhead housing        |
| Design of locking system | Side-locking clamp on upper 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               |

Creation date October 6, 2024 1:38:24 AM CEST

Catalogue status 28.09.2024 / We reserve the right to make technical changes.

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| 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   |
| SCIP                                 | d447edfa-0214-4f34-b5ba-82eae491b46a   |
| Chemical resistance                  | de.myview.objectmodel.impl.BlockImpl@4fbbef13 de.myview.objectmodel.impl.BlockImpl@742f7547 de.myview.objectmodel.impl.BlockImpl@29c3ef00 de.myview.objectmodel.impl.BlockImpl@28fc4de de.myview.objectmodel.impl.BlockImpl@125c70eb de.myview.objectmodel.impl.BlockImpl@1dd6baaa de.myview.objectmodel.impl.BlockImpl@2b5bedff de.myview.objectmodel.impl.BlockImpl@578e757e de.myview.objectmodel.impl.BlockImpl@26a48c4c de.myview.objectmodel.impl.BlockImpl@e0f71d8 de.myview.objectmodel.impl.BlockImpl@7acf51f3 de.myview.objectmodel.impl.BlockImpl@5ecee51 de.myview.objectmodel.impl.BlockImpl@5c8adf28 |
| RoHS Compliance Status               | Compliant with exemption   |
| RoHS Exemption (if applicable/known) | 6bl  |

## 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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### 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> |
| 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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## Drawings

