## **HDC 10B AZO**



#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

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, Installation size: 4, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side, Standard |  |
|------------|---|--|
| Order No.  | <u>1901700000</u>   |  |
| Туре       | HDC 10B AZO   |  |
| GTIN (EAN) | 4032248592937   |  |
| Qty.       | 1 items   |  |

## **HDC 10B AZO**



#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## **Technical data**

## **Approvals**

Approvals CCCSUS

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

## **Dimensions and weights**

| Depth                       | 95 mm   | Depth (inches)             | 3.7401 inch |
|-----------------------------|---------|----------------------------|-------------|
| Height                      | 29 mm   | Height (inches)            | 1.1417 inch |
| Width                       | 59 mm   | Width (inches)             | 2.3228 inch |
| Mounting dimension - height | 32 mm   | Mounting dimension - width | 83 mm       |
| Net weight                  | 71.28 g |                            |             |

#### **Temperatures**

Limit temperature -40 °C ... 125 °C

## **Environmental Product Compliance**

| REACH SVHC          | No SVHC above 0.1 wt%      |                         |
|---------------------|----------------------------|-------------------------|
| hamical recietance  | INO SVITIC above 0.1 Wt /0 |                         |
| Chemical resistance | 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               |
|                     | 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                |

#### **Dimensions**

| Hole pitch length A2 | 83 mm | Width housing C      | 43 mm |  |
|----------------------|-------|----------------------|-------|--|
| Width base C1        | 47 mm | Total length housing | 73 mm |  |

Creation date 01.12.2025 11:32:37 MEZ

Catalogue status / Drawings 2



## **HDC 10B AZO**



## Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Technical data**

| Height of housing B                 | 29 mm                               | Height of base B1                     | 5 mm                                   |
|-------------------------------------|-------------------------------------|---------------------------------------|--|
| General data                        |                                     |                                       |  |
|                                     |                                     |                                       |  |
| Housing main material               | diecast aluminium                   | Surface finish                        | Powder coating                         |
| Protection degree                   | IP65, in plugged condition          | EMC housings                          | No                                     |
| Material of locking element         | Stainless steel, rust-proof         |                                       |  |
| Version                             |                                     |                                       |  |
| Top part/bottom part/lid            | lower part                          | Design of housing                     | Bulkhead housing                       |
| Design of locking system            | Side-locking clamp on lower side    | Design                                | Standard                               |
| Installation size                   | 4                                   | Туре                                  | Bulkhead (feed-through                 |
| Clamp version                       | Central-locking clamp               | Sealing                               | NBR                                    |
| Colour (RAL)                        | RAL 7035                            | BG                                    | 4                                      |
| Suitable for ModuPlug®              | Yes                                 |                                       |  |
| Important note                      |                                     |                                       |  |
| Product information                 | When mounting the housing           | gs, make sure that the flat gaske     | t is correctly seated.                 |
| Classifications                     |                                     |                                       |  |
|                                     |                                     |                                       |  |
| ETIM 6.0                            | EC000437                            | ETIM 7.0                              | EC000437                               |
| ETIM 6.0<br>ETIM 8.0                | EC000437<br>EC000437                | ETIM 7.0<br>ETIM 9.0                  | EC000437<br>EC000437                   |
|                                     |                                     |                                       |  |
| ETIM 8.0<br>ETIM 10.0               | EC000437                            | ETIM 9.0                              | EC000437                               |
| ETIM 8.0<br>ETIM 10.0<br>ECLASS 9.1 | EC000437<br>EC000437                | ETIM 9.0<br>ECLASS 9.0                | EC000437<br>27-44-02-02                |
| ETIM 8.0                            | EC000437<br>EC000437<br>27-44-02-02 | ETIM 9.0<br>ECLASS 9.0<br>ECLASS 10.0 | EC000437<br>27-44-02-02<br>27-44-02-02 |

Catalogue status / Drawings

**Data sheet** 

**HDC 10B AZO** 



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Drawings**

