

**HDC 10B ALU****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: 4, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard |
| Order No.  | <a href="#">1206100000</a>                                                                                                         |
| Type       | HDC 10B ALU                                                                                                                        |
| GTIN (EAN) | 4008190881344                                                                                                                      |
| Qty.       | 1 pc(s).                                                                                                                           |

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## Technical data

## Dimensions and weights

|                             |         |                            |            |
|-----------------------------|---------|----------------------------|------------|
| Height                      | 29.3 mm | Height (inches)            | 1.154 inch |
| Width                       | 74.4 mm | Width (inches)             | 2.929 inch |
| Mounting dimension - height | 32 mm   | Mounting dimension - width | 83 mm      |
| Net weight                  | 131 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 | 83 mm  | Total length housing | 73 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                       | 4                             | Clamp version          | End-locking clamp       |
| Colour (RAL)             | RAL 7035                      | Cover                  | without cover           |
| Design                   | Standard                      | Design of housing      | Bulkhead housing        |
| Design of locking system | End-locking clamp, lower side | Sealing                | NBR                     |
| Size                     | 4                             | 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    | 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 |

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

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| 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 Potassium perfluorobutane sulfonate 29420-49-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SCIP                | e98b2b24-ba23-41bf-8d19-Odda3647412f                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@63e282ff de.myview.objectmodel.impl.BlockImpl@6da60d67<br>de.myview.objectmodel.impl.BlockImpl@29f93f21 de.myview.objectmodel.impl.BlockImpl@128e13e4<br>de.myview.objectmodel.impl.BlockImpl@658c9e30 de.myview.objectmodel.impl.BlockImpl@389c7ad3<br>de.myview.objectmodel.impl.BlockImpl@587c4ad6 de.myview.objectmodel.impl.BlockImpl@3a0f730e<br>de.myview.objectmodel.impl.BlockImpl@3bf30761 de.myview.objectmodel.impl.BlockImpl@6062a82e<br>de.myview.objectmodel.impl.BlockImpl@5a72640e de.myview.objectmodel.impl.BlockImpl@1b24eb4d<br>de.myview.objectmodel.impl.BlockImpl@384f2f47 |

## Important note

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

## Approvals

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

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### Downloads

|                                             |                                                                                                                            |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a>                                                                                 |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                            |
| Engineering Data                            | <a href="#">WSCAD</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="#">1206100000_HDC_10B_ALU_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>                                                     |

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## Drawings

