

**HDC 48B 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: 12, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, without cover |
| Order No.  | <a href="#">1295600000</a>                                                                                                                         |
| Type       | HDC 48B ALU                                                                                                                                        |
| GTIN (EAN) | 4050118092066                                                                                                                                      |
| Qty.       | 1 pc(s).                                                                                                                                           |

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 167.7 mm   | Depth (inches)  | 6.602 inch |
| Height         | 41.5 mm    | Height (inches) | 1.634 inch |
| Net weight     | 506.6 g    | Width           | 96.7 mm    |
| Width (inches) | 3.807 inch |                 |            |

## Temperatures

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

## Environmental Product Compliance

| REACH SVHC          | Lead 7439-92-1      |                         |
|---------------------|---------------------|-------------------------|
| 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

|                      |         |                      |         |
|----------------------|---------|----------------------|---------|
| Height of base B1    | 7 mm    | Height of housing B  | 41.5 mm |
| Hole pitch length A2 | 148 mm  | Total length housing | 132 mm  |
| Width base C1        | 96.7 mm | Width housing C      | 90 mm   |

## General data

|                             |                             |                       |                                            |
|-----------------------------|-----------------------------|-----------------------|--------------------------------------------|
| EMC housings                | No                          | Housing main material | diecast aluminium                          |
| Material of locking element | Stainless steel, rust-proof | Protection class note | Protection class with secured cover: IP 65 |
| Protection degree           | IP65 (in plugged condition) | Surface finish        | Powder coating                             |
| Tightening torque           | 1.2 Nm                      |                       |                                            |

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**Technical data****Version**

|                          |                   |                          |                               |
|--------------------------|-------------------|--------------------------|-------------------------------|
| Clamp version            | End-locking clamp | Cover                    | without cover                 |
| Design                   | Standard          | Design of cover          | without cover                 |
| Design of housing        | Bulkhead housing  | Design of locking system | End-locking clamp, lower side |
| Sealing                  | NBR               | Size                     | 12                            |
| Suitable for ModuPlug®   | Yes               | Tightening torque        | 1.2 Nm                        |
| Top part/bottom part/lid | lower part        | Type                     | Bulkhead (feed-through)       |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | 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 |

**Approvals**

Approvals



ROHS

Conform

**Downloads**

|                                             |                                            |
|---------------------------------------------|--------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a> |
| Engineering Data                            | <a href="#">STEP</a>                       |
| Engineering Data                            | <a href="#">EPLAN</a>                      |