

**HDC 10A 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: 2, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard |
| Order No.  | <a href="#">1664040000</a>                                                                                                         |
| Type       | HDC 10A ALU                                                                                                                        |
| GTIN (EAN) | 4008190420734                                                                                                                      |
| Qty.       | 1 pc(s).                                                                                                                           |

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## Technical data

## Dimensions and weights

|                             |            |                            |            |
|-----------------------------|------------|----------------------------|------------|
| Depth                       | 84 mm      | Depth (inches)             | 3.307 inch |
| Height                      | 25 mm      | Height (inches)            | 0.984 inch |
| Mounting dimension - height | 17.5 mm    | Mounting dimension - width | 70 mm      |
| Net weight                  | 87 g       | Width                      | 53.7 mm    |
| Width (inches)              | 2.114 inch |                            |            |

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

|                     |                                                                |                         |
|---------------------|----------------------------------------------------------------|-------------------------|
| REACH SVHC          | Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3 |                         |
| 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    | 5 mm  | Height of housing B  | 25 mm   |
| Hole pitch length A2 | 70 mm | Total length housing | 63 mm   |
| Width base C1        | 32 mm | Width housing C      | 29.5 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              |                             | Tightening torque     | 0.5 Nm                      |

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## Version

|                          |                               |                          |                  |
|--------------------------|-------------------------------|--------------------------|------------------|
| Clamp version            | End-locking clamp             | Cover                    | without cover    |
| Design                   | Standard                      | Design of housing        | Bulkhead housing |
| Design of locking system | End-locking clamp, lower side | Sealing                  | NBR              |
| Size                     | 2                             | Suitable for ModuPlug®   | No               |
| Tightening torque        | 0.5 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

UL File Number Search E92202

## Downloads

|                                             |                                                        |
|---------------------------------------------|--------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a>             |
| Engineering Data                            | <a href="#">STEP</a>                                   |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                           |
| Technical Documentation                     | <a href="#">1664040000 HDC 10A ALU STP Blatt 1.pdf</a> |

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## Drawings

