

**HDC HQP 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. The HQ version now offers particular protection - the bulkhead housing (cover and metal clamp) can be secured with a padlock.

**General ordering data**

|            |                                                                                                                                        |
|------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Version    | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard |
| Order No.  | <a href="#">1003040000</a>                                                                                                             |
| Type       | HDC HQP ALU                                                                                                                            |
| GTIN (EAN) | 4032248697977                                                                                                                          |
| Qty.       | 1 pc(s).                                                                                                                               |

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## Technical data

## Dimensions and weights

|                             |         |                            |            |
|-----------------------------|---------|----------------------------|------------|
| Depth                       | 67.1 mm | Depth (inches)             | 2.642 inch |
| Height                      | 40.6 mm | Height (inches)            | 1.598 inch |
| Width                       | 35 mm   | Width (inches)             | 1.378 inch |
| Mounting dimension - height | 13.4 mm | Mounting dimension - width | 32.2 mm    |
| Net weight                  | 27 g    |                            |            |

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

|                     |                                                |                         |  |
|---------------------|------------------------------------------------|-------------------------|--|
| REACH SVHC          | Potassium perfluorobutane sulfonate 29420-49-3 |                         |  |
| SCIP                | 2f94735a-9fba-4903-842f-4fb9aa902310           |                         |  |
| 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 housing B  | 19.5 mm | Hole pitch length A2 | 32.2 mm |
| Total length housing | 46.3 mm | Width housing C      | 28.8 mm |

## General data

|                             |                             |                           |                             |
|-----------------------------|-----------------------------|---------------------------|-----------------------------|
| EMC housings                | No                          | Housing main material     | Plastic                     |
| Material of locking element | Stainless steel, rust-proof | Protection degree         | IP65 (in plugged condition) |
| Series                      | HQ                          | UL 94 flammability rating | V-0                         |

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## Version

|                        |                         |                          |                                  |
|------------------------|-------------------------|--------------------------|----------------------------------|
| BG                     | HQ                      | Clamp version            | Side-locking clamp               |
| Colour (RAL)           | RAL 1001                | Design                   | Standard                         |
| Design of housing      | Bulkhead housing        | Design of locking system | Side-locking clamp on lower side |
| Sealing                | NBR                     | Size                     | HQ                               |
| Suitable for ModuPlug® | No                      | 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 |

## 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     |

## Downloads

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

