

**HDC HQP DMD 2BO****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), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| Order No.  | <a href="#">1003130000</a>  |
| Type       | HDC HQP DMD 2BO   |
| GTIN (EAN) | 4032248698066   |
| Qty.       | 1 pc(s).  |

## HDC HQP DMD 2BO

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 48.4 mm | Depth (inches)  | 1.906 inch |
| Height     | 23.5 mm | Height (inches) | 0.925 inch |
| Width      | 35 mm   | Width (inches)  | 1.378 inch |
| Net weight | 13 g    |                 |            |

## Temperatures

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

## Dimensions

|                      |             |                     |         |
|----------------------|-------------|---------------------|---------|
| Cable entry          | with female | Height of housing B | 23.5 mm |
| Total length housing | 48.4 mm     | Width housing C     | 29 mm   |

## General data

|                           |                             |                       |         |
|---------------------------|-----------------------------|-----------------------|---------|
| EMC housings              | No                          | Housing main material | Plastic |
| Protection degree         | IP65 (in plugged condition) | Series                | HQ      |
| UL 94 flammability rating | V-0                         |                       |         |

## Version

|                          |                                  |                                   |                                 |
|--------------------------|----------------------------------|-----------------------------------|---------------------------------|
| BG                       | HQ                               | Cable entry                       | with female                     |
| Clamp version            | Side-locking clamp               | Colour (RAL)                      | RAL 1001                        |
| Design                   | Standard                         | Design of housing                 | Cover for lower part of housing |
| Design of locking system | Side-locking clamp on lower side | Mounting with catch cord possible | Yes                             |
| Sealing                  | NBR                              | Size                              | HQ                              |
| Suitable for ModuPlug®   | No                               | Top part/bottom part/lid          | Cover                           |
| Type                     | Cover                            |                                   |                                 |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | EC000437    | ETIM 9.0    | 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 | ECLASS 13.0 | 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               |

Creation date April 27, 2024 6:22:00 PM CEST

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**Technical data**

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

**Environmental Product Compliance**

|                     |  |
|---------------------|--|
| REACH SVHC          | Potassium perfluorobutane sulfonate 29420-49-3   |
| SCIP                | 2f94735a-9fba-4903-842f-4fb9aa902310   |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@432ef687 de.myview.objectmodel.impl.BlockImpl@75cac01f<br>de.myview.objectmodel.impl.BlockImpl@19993ea7 de.myview.objectmodel.impl.BlockImpl@1e573c3b<br>de.myview.objectmodel.impl.BlockImpl@2af97bb8 de.myview.objectmodel.impl.BlockImpl@9909cc0<br>de.myview.objectmodel.impl.BlockImpl@59acf753 de.myview.objectmodel.impl.BlockImpl@7e3daeb9<br>de.myview.objectmodel.impl.BlockImpl@1f783e7d de.myview.objectmodel.impl.BlockImpl@1283d7ce<br>de.myview.objectmodel.impl.BlockImpl@2cabbca2 de.myview.objectmodel.impl.BlockImpl@3f7087e8<br>de.myview.objectmodel.impl.BlockImpl@6125ddad |

**Approvals**

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

**Downloads**

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

### HDC HQP DMD 2BO

**Weidmüller Interface GmbH & Co. KG**

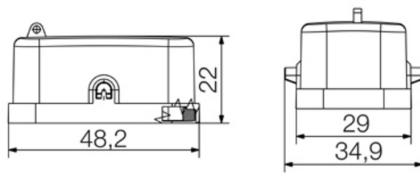
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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Bulkhead housing**

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**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC HQP ALU                | Version   |
| Order No.  | <a href="#">1003040000</a> | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, |
| GTIN (EAN) | 4032248697977              | Standard  |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC HQP ALU CS             | Version   |
| Order No.  | <a href="#">1354950000</a> | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, |
| GTIN (EAN) | 4050118157215              | Standard  |
| Qty.       | 1 pc(s).                   |   |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Angled bulkhead housing**

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**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC HQP AWLU               | Version   |
| Order No.  | <a href="#">1003060000</a> | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, |
| GTIN (EAN) | 4032248697991              | Standard  |
| Qty.       | 1 pc(s).                   |   |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Coupling housing**

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**General ordering data**

| Type       | HDC HQP KOLU 1PG16         | Version   |
|------------|----------------------------|---|
| Order No.  | <a href="#">1003120000</a> | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, |
| GTIN (EAN) | 4032248698059              | Standard, Size of cable entries: PG 16  |
| Qty.       | 1 pc(s).                   |   |

## HDC HQP DMD 2BO

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## Accessories

## Base housing



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## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC HQP SLU 1PG16          | Version   |
| Order No.  | <a href="#">1003110000</a> | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, |
| GTIN (EAN) | 4032248698042              |   |
| Qty.       | 1 pc(s).                   | Size of cable entries: PG 16  |

## Bulkhead housing



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## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC HQM ALU                | Version  |
| Order No.  | <a href="#">1003050000</a> | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4032248697984              |  |
| Qty.       | 1 pc(s).                   |  |



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC HQM ALU CS             | Version   |
| Order No.  | <a href="#">1251680000</a> | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged   |
| GTIN (EAN) | 4050118051803              | condition), Bulkhead housing, Side-locking clamp on lower side, |
| Qty.       | 1 pc(s).                   | Standard  |