

## HDC HQP AWLU

**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, Installation size: HQ, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side, Standard, Size of cable entries: none |
| Order No.  | <a href="#">1003060000</a>  |
| Type       | HDC HQP AWLU  |
| GTIN (EAN) | 4032248697991   |
| Qty.       | 1 items   |

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**Technical data**

**Approvals**

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate No. (cURus) | E92202                     |

**Dimensions and weights**

|                            |       |                 |             |
|----------------------------|-------|-----------------|-------------|
| Depth                      | 67 mm | Depth (inches)  | 2.6378 inch |
| Height                     | 76 mm | Height (inches) | 2.9921 inch |
| Width                      | 37 mm | Width (inches)  | 1.4567 inch |
| Length                     | 37 mm | Length (inches) | 1.4567 inch |
| Mounting dimension - width | 38 mm | Net weight      | 40 g        |

**Temperatures**

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

**Environmental Product Compliance**

|                        |  |
|------------------------|--|
| RoHS Compliance Status | Compliant without exemption                    |
| 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            |                         |

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**Technical data**

**Dimensions**

|                      |        |                     |        |
|----------------------|--------|---------------------|--------|
| Hole pitch length A2 | 38 mm  | Cable entry         | angled |
| Width housing C      | 33 mm  | Width base C1       | 47 mm  |
| Total length housing | 46 mm  | Height of housing B | 55 mm  |
| Height of base B1    | 3.5 mm |                     |        |

**General data**

|                           |     |                   |                            |
|---------------------------|-----|-------------------|----------------------------|
| UL 94 flammability rating | V-0 | Protection degree | IP65, in plugged condition |
| Series                    | HQ  |                   |                            |

**Version**

|                                |                                  |                        |                    |
|--------------------------------|----------------------------------|------------------------|--------------------|
| Number of cable glands         | 0                                | Size of cable entries  | none               |
| Top part/bottom part/lid       | lower part                       | Cover                  | without cover      |
| Number of cable entry sideways | 0                                | Design of housing      | Bulkhead housing   |
| Design of locking system       | Side-locking clamp on lower side | Design                 | Standard           |
| Installation size              | HQ                               | Cable entry            | angled             |
| Type                           | Bulkhead (feed-through)          | Clamp version          | Side-locking clamp |
| Sealing                        | no sealing                       | Colour (RAL)           | RAL 1001           |
| BG                             | HQ                               | Suitable for ModuPlug® | No                 |

**Important note**

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

**Classifications**

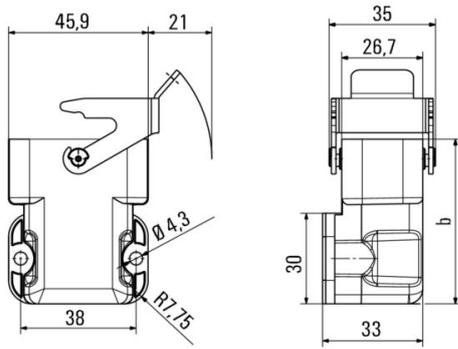
|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | EC000437    | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

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**Drawings**

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## Accessories

## Cover



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## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC HQP DMD 2B0            | Version  |
| Order No.  | <a href="#">1003130000</a> | HDC enclosures, Installation size: HQ, Protection degree: IP65, in |
| GTIN (EAN) | 4032248698066              | plugged condition, Cover for lower part of housing, Side-locking   |
| Qty.       | 1 ST                       | clamp on lower side, Standard, Size of cable entries: none         |
| Type       | HDC HQP DOD 2B0            | Version  |
| Order No.  | <a href="#">1003140000</a> | HDC enclosures, Installation size: HQ, Protection degree: IP65, in |
| GTIN (EAN) | 4032248698073              | plugged condition, Cover for lower part of housing, Side-locking   |
| Qty.       | 1 ST                       | clamp on lower side, Standard, Size of cable entries: none         |
| Type       | HDC HQP DMD 2B0 CS         | Version  |
| Order No.  | <a href="#">1251660000</a> | HDC enclosures, Installation size: HQ, Protection degree: IP65, in |
| GTIN (EAN) | 4050118052312              | plugged condition, Cover for lower part of housing, Side-locking   |
| Qty.       | 1 ST                       | clamp on lower side, , Size of cable entries: none                 |
| Type       | HDC HQP DOD 2B0 CS         | Version  |
| Order No.  | <a href="#">1251670000</a> | HDC enclosures, Installation size: HQ, Protection degree: IP65, in |
| GTIN (EAN) | 4050118052329              | plugged condition, Cover for lower part of housing, Side-locking   |
| Qty.       | 1 ST                       | clamp on lower side, , Size of cable entries: none                 |

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## Accessories

## Plug housing, cable entry sideways



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## General ordering data

|            |                            |         |  |
|------------|----------------------------|---------|--|
| Type       | HDC HQP TSLU 1PG16         | Version |  |
| Order No.  | <a href="#">1003090000</a> |         | HDC enclosures, Installation size: HQ, Protection degree: IP65, in   |
| GTIN (EAN) | 4032248698028              |         | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty.       | 1 ST                       |         | clamp on lower side, Standard, Size of cable entries: PG 16          |

## Plug housing, cable entry at top



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## General ordering data

|            |                            |         |   |
|------------|----------------------------|---------|---|
| Type       | HDC HQP TOLU 1PG16         | Version |   |
| Order No.  | <a href="#">1003070000</a> |         | HDC enclosures, Installation size: HQ, Protection degree: IP65, in  |
| GTIN (EAN) | 4032248698004              |         | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty.       | 1 ST                       |         | clamp on lower side, Standard, Size of cable entries: PG 16         |

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## Accessories

## Plug housing, cable entry sideways



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## General ordering data

|            |                            |  |  |
|------------|----------------------------|--|--|
| Type       | HDC HQM TSLU 1PG21         | Version  |  |
| Order No.  | <a href="#">1003100000</a> | HDC enclosures, Installation size: HQ, Protection degree: IP65, in   |  |
| GTIN (EAN) | 4032248698035              | plugged condition, Cable entry from side, Plug housing, Side-locking |  |
| Qty.       | 1 ST                       | clamp on lower side, Standard, Size of cable entries: PG 21          |  |

## Plug housing, cable entry at top



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## General ordering data

|            |                            |   |  |
|------------|----------------------------|---|--|
| Type       | HDC HQM TOLU 1PG21         | Version   |  |
| Order No.  | <a href="#">1003080000</a> | HDC enclosures, Installation size: HQ, Protection degree: IP65, in  |  |
| GTIN (EAN) | 4032248698011              | plugged condition, Cable entry from top, Plug housing, Side-locking |  |
| Qty.       | 1 ST                       | clamp on lower side, Standard, Size of cable entries: PG 21         |  |

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## Accessories

## 17-pole



The HQ series - big features in a compact design. The electrical values speak for themselves. The standard HE crimp contacts can also be used here. The wire connection level is designed as a crimp contact. The established crimp connection has been used as a standard for decades. Crimp contacts are not delivered with the inserts. Pole count: 17 (+PE)  
 Rated current: 10 A  
 Rated voltage 250 V  
 Nominal voltage acc. to UL/CSA: 600 V AC/DC  
 Crimp connection

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC HQ 17 FC               | Version   |
| Order No.  | <a href="#">1003200000</a> | HDC insert, Female, 250 V, 10 A, Number of poles: 17, Crimp connection, Installation size: HQ |
| GTIN (EAN) | 4032248698196              |   |
| Qty.       | 1 ST                       |   |
| Type       | HDC HQ 17 MC               | Version   |
| Order No.  | <a href="#">1003210000</a> | HDC insert, Male, 250 V, 10 A, Number of poles: 17, Crimp connection, Installation size: HQ   |
| GTIN (EAN) | 4032248698202              |   |
| Qty.       | 1 ST                       |   |

## 4/2-pole



The HQ series - big features in a compact design. The electrical characteristics speak for themselves. You can also use the proven HD and HX crimp contacts here. The wire connection level is designed for crimp contacts. The proven crimp connection has been in standard use for decades. Crimp contacts are not included in the scope of delivery of inserts. Pole count: 4/2 (+PE)  
 Rated current: 40/10 A  
 Rated voltage: 690 / 250 V  
 Rated voltage acc. to UL/CSA: 600 V AC/DC

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC HQ 4/2 FC              | Version  |
| Order No.  | <a href="#">1003160000</a> | HDC insert, Female, 690 V, 40 A, Number of poles: 6, Crimp connection, Installation size: HQ |
| GTIN (EAN) | 4032248698158              |  |
| Qty.       | 1 ST                       |  |
| Type       | HDC HQ 4/2 MC              | Version  |
| Order No.  | <a href="#">1003170000</a> | HDC insert, Male, 690 V, 40 A, Number of poles: 6, Crimp connection, Installation size: HQ   |
| GTIN (EAN) | 4032248698165              |  |
| Qty.       | 1 ST                       |  |

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## Accessories

### 8-pole



A small size but quite big. The electrical values speak for themselves. Proven HE crimp contacts can also be used here.

Pole count: 8 (+PE)

Rated current: 16 A

Rated voltage: 500 V

Nominal voltage acc. to UL/CSA: 600 V AC/DC

### General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC HQ 8 MC                | Version  |
| Order No.  | <a href="#">1919970000</a> | HDC insert, Male, 500 V, 16 A, Number of poles: 8, Crimp connection, Installation size: HQ   |
| GTIN (EAN) | 4032248557943              |  |
| Qty.       | 1 ST                       |  |
| Type       | HDC HQ 8 FC                | Version  |
| Order No.  | <a href="#">1919980000</a> | HDC insert, Female, 500 V, 16 A, Number of poles: 8, Crimp connection, Installation size: HQ |
| GTIN (EAN) | 4032248557950              |  |
| Qty.       | 1 ST                       |  |