

HDC HQP AWLU**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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. | 1003060000 |
| Type | HDC HQP AWLU |
| GTIN (EAN) | 4032248697991 |
| Qty. | 1 pc(s). |

HDC HQP AWLU

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Technical data

Dimensions and weights

| | | | |
|----------------------------|-------|-----------------|------------|
| Depth | 67 mm | Depth (inches) | 2.638 inch |
| Height | 76 mm | Height (inches) | 2.992 inch |
| Width | 37 mm | Width (inches) | 1.457 inch |
| Mounting dimension - width | 38 mm | Net weight | 40 g |

Temperatures

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

Dimensions

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

Version

| | | | |
|--------------------------|----------------------------------|------------------------|-------------------------|
| BG | HQ | Cable entry | angled |
| 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 | 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 9:56:48 AM 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@3e5bada7 de.myview.objectmodel.impl.BlockImpl@3edd37ba de.myview.objectmodel.impl.BlockImpl@3774f56d de.myview.objectmodel.impl.BlockImpl@78e691ba de.myview.objectmodel.impl.BlockImpl@1b333d94 de.myview.objectmodel.impl.BlockImpl@4c04a9af de.myview.objectmodel.impl.BlockImpl@5c4bf2df de.myview.objectmodel.impl.BlockImpl@106cd3ad de.myview.objectmodel.impl.BlockImpl@12b193a9 de.myview.objectmodel.impl.BlockImpl@7b110981 de.myview.objectmodel.impl.BlockImpl@78cfc136 de.myview.objectmodel.impl.BlockImpl@e489439 de.myview.objectmodel.impl.BlockImpl@10fa7282 |

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 |

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Technical data

Downloads

Approval/Certificate/Document of Conformity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

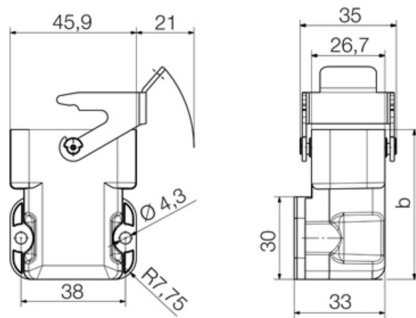
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Drawings



HDC HQP AWLU

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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. | 1003200000 | HDC insert, Female, 250 V, 10 A, Number of poles: 17, Crimp connection, Size: HQ |
| GTIN (EAN) | 4032248698196 | |
| Qty. | 1 pc(s). | |
| Type | HDC HQ 17 MC | Version |
| Order No. | 1003210000 | HDC insert, Male, 250 V, 10 A, Number of poles: 17, Crimp connection, Size: HQ |
| GTIN (EAN) | 4032248698202 | |
| Qty. | 1 pc(s). | |

Plug housing, cable entry sideways



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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

| | | |
|------------|----------------------------|---|
| Type | HDC HQP TSLU 1PG16 | Version |
| Order No. | 1003090000 | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16 |
| GTIN (EAN) | 4032248698028 | |
| Qty. | 1 pc(s). | |

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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**

Crimp connection

General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC HQ 8 MC | Version |
| Order No. | 1919970000 | HDC insert, Male, 500 V, 16 A, Number of poles: 8, Crimp connection, |
| GTIN (EAN) | 4032248557943 | Size: HQ |
| Qty. | 1 pc(s). | |
| Type | HDC HQ 8 FC | Version |
| Order No. | 1919980000 | HDC insert, Female, 500 V, 16 A, Number of poles: 8, Crimp |
| GTIN (EAN) | 4032248557950 | connection, Size: HQ |
| Qty. | 1 pc(s). | |

Plug housing, cable entry at top



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC HQP TOLU 1PG16 | Version |
| Order No. | 1003070000 | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged |
| GTIN (EAN) | 4032248698004 | condition), Cable entry from top, Plug housing, Side-locking clamp on |
| Qty. | 1 pc(s). | lower side, Standard, Size of cable entries: PG 16 |

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Accessories

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**

Crimp connection

General ordering data

| Type | HDC HQ 4/2 FC | Version |
|------------|----------------------------|--|
| Order No. | 1003160000 | HDC insert, Female, 690 V, 40 A, Number of poles: 6, Crimp |
| GTIN (EAN) | 4032248698158 | connection, Size: HQ |
| Qty. | 1 pc(s). | |
| Type | HDC HQ 4/2 MC | Version |
| Order No. | 1003170000 | HDC insert, Male, 690 V, 40 A, Number of poles: 6, Crimp connection, |
| GTIN (EAN) | 4032248698165 | Size: HQ |
| Qty. | 1 pc(s). | |

Plug housing, cable entry at top



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General ordering data

| Type | HDC HQM TOLU 1PG21 | Version |
|------------|----------------------------|---|
| Order No. | 1003080000 | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged |
| GTIN (EAN) | 4032248698011 | condition), Cable entry from top, Plug housing, Side-locking clamp on |
| Qty. | 1 pc(s). | lower side, Standard, Size of cable entries: PG 21 |

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Accessories

Cover



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC HQP DMD 2BO CS | Version |
| Order No. | 1251660000 | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side |
| GTIN (EAN) | 4050118052312 | |
| Qty. | 1 pc(s). | |
| Type | HDC HQP DOD 2BO | Version |
| Order No. | 1003140000 | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4032248698073 | |
| Qty. | 1 pc(s). | |
| Type | HDC HQP DOD 2BO CS | Version |
| Order No. | 1251670000 | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side |
| GTIN (EAN) | 4050118052329 | |
| Qty. | 1 pc(s). | |
| Type | HDC HQP DMD 2BO | Version |
| Order No. | 1003130000 | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4032248698066 | |
| Qty. | 1 pc(s). | |

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www.weidmueller.com**Accessories****Plug housing, cable entry sideways**

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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC HQM TSLU 1PG21 | Version |
| Order No. | 1003100000 | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4032248698035 | |
| Qty. | 1 pc(s). | |