

HDC HQP TSLU 1PG16

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, Installation 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 |
| Order No. | 1003090000 |
| Type | HDC HQP TSLU 1PG16 |
| GTIN (EAN) | 4032248698028 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E92202 |

Dimensions and weights

| | | | |
|------------|--------|-----------------|-------------|
| Depth | 35 mm | Depth (inches) | 1.378 inch |
| Height | 54 mm | Height (inches) | 2.126 inch |
| Width | 48 mm | Width (inches) | 1.8898 inch |
| Length | 48 mm | Length (inches) | 1.8898 inch |
| Net weight | 26.6 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

| | | | |
|----------------------|-----------|---------------------|---------|
| Cable entry | w. thread | Width housing C | 28.8 mm |
| Total length housing | 48 mm | Height of housing B | 54 mm |

General data

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

Version

| | | | |
|------------------------------|-------------------------------------|--------------------------------|----------------------------------|
| Number of cable glands | 0 | Size of cable entries | PG 16 |
| Top part/bottom part/lid | upper part | Cover | without cover |
| Number of cable entry on top | 0 | Number of cable entry sideways | 1 |
| Design of housing | Cable entry from side, Plug housing | Design of locking system | Side-locking clamp on lower side |
| Design | Standard | Installation size | HQ |
| Cable entry | w. thread | Type | Plug |
| Clamp version | Side-locking clamp | Sealing | no sealing |
| External thread | PG 16 | Colour (RAL) | RAL 1001 |
| BG | HQ | Suitable for ModuPlug® | No |

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 | | |

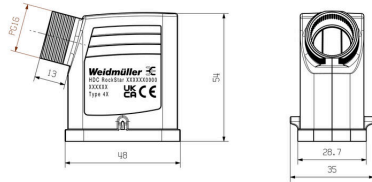
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Drawings

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Drawing



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Accessories

Bulkhead housing



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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 ALU | Version |
| Order No. | 1003040000 | HDC enclosures, Installation size: HQ, Protection degree: IP65, in |
| GTIN (EAN) | 4032248697977 | plugged condition, Bulkhead housing, Side-locking clamp on lower |
| Qty. | 1 ST | side, Standard, Size of cable entries: none |
| Type | HDC HQP ALU CS | Version |
| Order No. | 1354950000 | HDC enclosures, Installation size: HQ, Protection degree: IP65, in |
| GTIN (EAN) | 4050118157215 | plugged condition, Bulkhead housing, Side-locking clamp on lower |
| Qty. | 1 ST | side, Standard, Size of cable entries: none |

Angled bulkhead housing



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Accessories

General ordering data

| | | |
|------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type | HDC HQP AWLU | Version |
| Order No. | 1003060000 | 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 |
| GTIN (EAN) | 4032248697991 | |
| Qty. | 1 ST | |

Base housing



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General ordering data

| | | |
|------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type | HDC HQP SLU 1PG16 | Version |
| Order No. | 1003110000 | HDC enclosures, Installation size: HQ, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16 |
| GTIN (EAN) | 4032248698042 | |
| Qty. | 1 ST | |

Coupling housing



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Accessories

General ordering data

| | | |
|------------|----------------------------|--------------------------------------------------------------------|
| Type | HDC HQP KOLU 1PG16 | Version |
| Order No. | 1003120000 | HDC enclosures, Installation size: HQ, Protection degree: IP65, in |
| GTIN (EAN) | 4032248698059 | plugged condition, Coupling housing, Side-locking clamp on lower |
| Qty. | 1 ST | side, Standard, Size of cable entries: PG 16 |

Bulkhead housing



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General ordering data

| | | |
|------------|----------------------------|--------------------------------------------------------------------|
| Type | HDC HQM ALU | Version |
| Order No. | 1003050000 | HDC enclosures, Installation size: HQ, Protection degree: IP65, in |
| GTIN (EAN) | 4032248697984 | plugged condition, Bulkhead housing, Side-locking clamp on lower |
| Qty. | 1 ST | side, Standard, Size of cable entries: none |
| Type | HDC HQM ALU CS | Version |
| Order No. | 1251680000 | HDC enclosures, Installation size: HQ, Protection degree: IP65, in |
| GTIN (EAN) | 4050118051803 | plugged condition, Bulkhead housing, Side-locking clamp on lower |
| Qty. | 1 ST | side, Standard, Size of cable entries: none |

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

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Accessories

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, Installation size: HQ |
| GTIN (EAN) | 4032248698196 | |
| Qty. | 1 ST | |
| Type | HDC HQ 17 MC | Version |
| Order No. | 1003210000 | 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. | 1003160000 | 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. | 1003170000 | HDC insert, Male, 690 V, 40 A, Number of poles: 6, Crimp connection, Installation size: HQ |
| GTIN (EAN) | 4032248698165 | |
| Qty. | 1 ST | |

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. | 1919970000 | HDC insert, Male, 500 V, 16 A, Number of poles: 8, Crimp connection, Installation size: HQ |
| GTIN (EAN) | 4032248557943 | |
| Qty. | 1 ST | |

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Accessories

| | | |
|------------|----------------------------|------------------------------------------------------------|
| 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, Installation size: HQ |
| Qty. | 1 ST | |

HQ version for HDC



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications. The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure. Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

General ordering data

| | | |
|------------|----------------------------|-----------------------------------------------------------------|
| Type | VG 16 HQ K68 4-6.5 | Version |
| Order No. | 2715990000 | Heavy-duty connectors, Accessories, Cable glands, Polycarbonate |
| GTIN (EAN) | 4050118769821 | |
| Qty. | 1 ST | |
| Type | VG 16 HQ K68 6.5-9.5 | Version |
| Order No. | 1273890000 | Heavy-duty connectors, Accessories, Cable glands, Polycarbonate |
| GTIN (EAN) | 4050118063233 | |
| Qty. | 1 ST | |
| Type | VG 16 HQ K68 9-13 | Version |
| Order No. | 1016070000 | Heavy-duty connectors, Accessories, Cable glands, Polycarbonate |
| GTIN (EAN) | 4032248725526 | |
| Qty. | 1 ST | |
| Type | VG16 HQ K68 9-12SH | Version |
| Order No. | 1045530000 | Heavy-duty connectors, Accessories, Cable glands, Polycarbonate |
| GTIN (EAN) | 4032248779437 | |
| Qty. | 1 ST | |
| Type | VG 16 HQ K68 11.5-15.5 | Version |
| Order No. | 1016080000 | Heavy-duty connectors, Accessories, Cable glands, Polycarbonate |
| GTIN (EAN) | 4032248725533 | |
| Qty. | 1 ST | |
| Type | VG16 HQ K68 11,5-15,5SH | Version |
| Order No. | 1045540000 | Heavy-duty connectors, Accessories, Cable glands, Polycarbonate |
| GTIN (EAN) | 4032248779444 | |
| Qty. | 1 ST | |