

**HDC HQM TSLU 1PG21****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**IP65**

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), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21 |
| Order No.  | <a href="#">1003100000</a>                                                                                                                                                              |
| Type       | HDC HQM TSLU 1PG21                                                                                                                                                                      |
| GTIN (EAN) | 4032248698035                                                                                                                                                                           |
| Qty.       | 1 pc(s).                                                                                                                                                                                |

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## Technical data

## Dimensions and weights

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Depth      | 50 mm | Depth (inches)  | 1.969 inch |
| Height     | 61 mm | Height (inches) | 2.402 inch |
| Width      | 35 mm | Width (inches)  | 1.378 inch |
| Net weight | 168 g |                 |            |

## Temperatures

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

## Dimensions

|                      |           |                     |       |
|----------------------|-----------|---------------------|-------|
| Cable entry          | w. thread | Height of housing B | 61 mm |
| Total length housing | 50 mm     | Width housing C     | 29 mm |

## General data

|                   |                             |                       |              |
|-------------------|-----------------------------|-----------------------|--------------|
| EMC housings      | Yes                         | Housing main material | Zinc diecast |
| Protection degree | IP65 (in plugged condition) | Series                | HQ           |
| Surface finish    | nickel-plated               |                       |              |

## Version

|                              |                                  |                                |                                     |
|------------------------------|----------------------------------|--------------------------------|-------------------------------------|
| BG                           | HQ                               | Cable entry                    | w. thread                           |
| Clamp version                | Side-locking clamp               | Colour (RAL)                   | RAL 7001                            |
| Design                       | Standard                         | Design of housing              | Cable entry from side, Plug housing |
| Design of locking system     | Side-locking clamp on lower side | External thread                | PG 21                               |
| Number of cable entry on top | 0                                | Number of cable entry sideways | 1                                   |
| Size                         | HQ                               | Size of cable entries          | PG 21                               |
| Suitable for ModuPlug®       | No                               | Top part/bottom part/lid       | upper part                          |
| Type                         | Plug                             |                                |                                     |

## 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        |

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## Technical data

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

## Environmental Product Compliance

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REACH SVHC          | Potassium perfluorobutane sulfonate 29420-49-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SCIP                | 2f94735a-9fba-4903-842f-4fb9aa902310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@775bb4d de.myview.objectmodel.impl.BlockImpl@2515c20a<br>de.myview.objectmodel.impl.BlockImpl@5c603f0e de.myview.objectmodel.impl.BlockImpl@4578d09f<br>de.myview.objectmodel.impl.BlockImpl@6ffdb4ae de.myview.objectmodel.impl.BlockImpl@64f33ec9<br>de.myview.objectmodel.impl.BlockImpl@3936f516 de.myview.objectmodel.impl.BlockImpl@3ac93687<br>de.myview.objectmodel.impl.BlockImpl@3893bdb4 de.myview.objectmodel.impl.BlockImpl@45ebd919<br>de.myview.objectmodel.impl.BlockImpl@4b7b1af7 de.myview.objectmodel.impl.BlockImpl@38f57011<br>de.myview.objectmodel.impl.BlockImpl@1dae14a6 |

## Important note

|                     |                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product information | The HQ metal housings have an internal plastic insert which ensures that the electrical conductor is not directly connected to the metal housing. The housing is therefore insulated. |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate no. (cULus) | E316369    |

## HDC HQM TSLU 1PG21

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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](#)  
[FL FIELDWIRING EN](#)

## HDC HQM TSLU 1PG21

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## 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).                   |                                                                                                                               |

## 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 21 HQ MS68 11.5-15.5    | Version                                                                |
| Order No.  | <a href="#">1016100000</a> | Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated |
| GTIN (EAN) | 4032248725564              |                                                                        |
| Qty.       | 1 pc(s).                   |                                                                        |
| Type       | VG 21 HQ MS68 9-13         | Version                                                                |
| Order No.  | <a href="#">1016090000</a> | Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated |
| GTIN (EAN) | 4032248725540              |                                                                        |
| Qty.       | 1 pc(s).                   |                                                                        |

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## Accessories

|            |                            |                                                                        |
|------------|----------------------------|------------------------------------------------------------------------|
| Type       | VG 21 HQ MS68 14-18        | Version                                                                |
| Order No.  | <a href="#">1016110000</a> | Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated |
| GTIN (EAN) | 4032248725588              |                                                                        |
| Qty.       | 1 pc(s).                   |                                                                        |

## 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              |                                                                                                                               |
| Qty.       | 1 pc(s).                   | Standard                                                                                                                      |

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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).                   |                                                                                                                               |

**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, |
| GTIN (EAN) | 4032248697984              | Standard                                                                                                                      |
| Qty.       | 1 pc(s).                   |                                                                                                                               |

## HDC HQM TSLU 1PG21

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## Accessories

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

## 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 MC              | Version                                                                         |
| Order No.  | <a href="#">1003170000</a> | HDC insert, Male, 690 V, 40 A, Number of poles: 6, Crimp connection, Size: HQ   |
| GTIN (EAN) | 4032248698165              |                                                                                 |
| Qty.       | 1 pc(s).                   |                                                                                 |
| 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, Size: HQ |
| GTIN (EAN) | 4032248698158              |                                                                                 |
| Qty.       | 1 pc(s).                   |                                                                                 |

## 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 MC               | Version                                                                        |
| Order No.  | <a href="#">1003210000</a> | HDC insert, Male, 250 V, 10 A, Number of poles: 17, Crimp connection, Size: HQ |
| GTIN (EAN) | 4032248698202              |                                                                                |
| Qty.       | 1 pc(s).                   |                                                                                |



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## Accessories

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

## 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 FC                | Version                                                              |
| Order No.  | <a href="#">1919980000</a> | HDC insert, Female, 500 V, 16 A, Number of poles: 8, Crimp           |
| GTIN (EAN) | 4032248557950              | connection, Size: HQ                                                 |
| Qty.       | 1 pc(s).                   |                                                                      |
| 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, |
| GTIN (EAN) | 4032248557943              | Size: HQ                                                             |
| Qty.       | 1 pc(s).                   |                                                                      |

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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              | Size of cable entries: PG 16                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                     |

## EMC Brass half gland HQ version for HDC



The increasing sensitivity of electronic components and the increasing electromagnetic interference frequencies require cable glands to play an important role in the shielding concept of a system. This type of EMC cable glands are made for shielding against interference frequencies, with a 360° screening connection. A Finger-locking seal provides superior cable retention & strain relief, next to it, the cable gland meets the mechanical requirements of EN 62444. Due to the patented design a very easy and fast assembly will be possible.

## General ordering data

|            |                            |                                                                        |
|------------|----------------------------|------------------------------------------------------------------------|
| Type       | VG 21 HQ EMV68 11-15.5     | Version                                                                |
| Order No.  | <a href="#">1016120000</a> | Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated |
| GTIN (EAN) | 4032248725595              |                                                                        |
| Qty.       | 1 pc(s).                   |                                                                        |
| Type       | VG 21 HQ EMV68 14-18       | Version                                                                |
| Order No.  | <a href="#">1016130000</a> | Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated |
| GTIN (EAN) | 4032248725601              |                                                                        |
| Qty.       | 1 pc(s).                   |                                                                        |