

## HDC 16D SLU 2PG21G

**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.

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Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

### General ordering data

|            |   |
|------------|---|
| Version    | HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, high, without cover, Size of cable entries: PG 21 |
| Order No.  | <a href="#">1652840000</a>  |
| Type       | HDC 16D SLU 2PG21G  |
| GTIN (EAN) | 4008190402914   |
| 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**

|                             |         |                            |             |
|-----------------------------|---------|----------------------------|-------------|
| Height                      | 74 mm   | Height (inches)            | 2.9134 inch |
| Width                       | 71.7 mm | Width (inches)             | 2.8228 inch |
| Mounting dimension - height | 45 mm   | Mounting dimension - width | 70 mm       |
| Net weight                  | 255.2 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                   | e98b2b24-ba23-41bf-8d19-0dda3647412f           |

|                     |                     |                         |
|---------------------|---------------------|-------------------------|
| 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 benzene       |
|                     | 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            |                         |

**Dimensions**

|                      |       |               |           |
|----------------------|-------|---------------|-----------|
| Hole pitch length A2 | 70 mm | Cable entry   | w. thread |
| Width housing C      | 43 mm | Width base C1 | 54.5 mm   |

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## Technical data

|                      |       |                     |       |
|----------------------|-------|---------------------|-------|
| Total length housing | 60 mm | Height of housing B | 74 mm |
| Height of base B1    | 5 mm  |                     |       |

### General data

|                |                |                   |                            |
|----------------|----------------|-------------------|----------------------------|
| Surface finish | Powder coating | Protection degree | IP65, in plugged condition |
|----------------|----------------|-------------------|----------------------------|

### Version

|                              |                               |                                |                   |
|------------------------------|-------------------------------|--------------------------------|-------------------|
| Size of cable entries        | PG 21                         | Top part/bottom part/lid       | lower part        |
| Cover                        | without cover                 | Tightening torque              | 1.2 Nm            |
| Number of cable entry on top | 0                             | Number of cable entry sideways | 2                 |
| Design of cover              | without cover                 | Design of housing              | Base housing      |
| Design of locking system     | End-locking clamp, lower side | Design                         | high              |
| Installation size            | 3                             | Cable entry                    | w. thread         |
| Type                         | Base housing                  | Clamp version                  | End-locking clamp |
| Sealing                      | NBR                           | Internal thread                | PG 21             |
| Colour (RAL)                 | RAL 7035                      | BG                             | 3                 |
| Suitable for ModuPlug®       | Yes                           |                                |                   |

### 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

## Hood, Cable Entry at top



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## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 06B TOLU 1PG16G        | Version  |
| Order No.  | <a href="#">1652640000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in  |
| GTIN (EAN) | 4008190402716              | plugged condition, Cable entry from top, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, Standard, Size of cable entries: PG 16          |
| Type       | HDC 16D TOLU 1PG21G        | Version  |
| Order No.  | <a href="#">1652680000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in  |
| GTIN (EAN) | 4008190402754              | plugged condition, Cable entry from top, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, high, Size of cable entries: PG 21              |
| Type       | HDC 16D TOLU 1PG29G        | Version  |
| Order No.  | <a href="#">1652700000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in  |
| GTIN (EAN) | 4008190402778              | plugged condition, Cable entry from top, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, high, Size of cable entries: PG 29              |
| Type       | HDC 06B TOLU 1PG13G        | Version  |
| Order No.  | <a href="#">1670500000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in  |
| GTIN (EAN) | 4008190431587              | plugged condition, Cable entry from top, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, Standard, Size of cable entries: PG 13.5        |
| Type       | HDC 16D TOLU 1M32G         | Version  |
| Order No.  | <a href="#">1787490000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in  |
| GTIN (EAN) | 4032248204830              | plugged condition, Cable entry from top, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, high, Size of cable entries: M 32               |
| Type       | HDC 16D TOLU 1M25G         | Version  |
| Order No.  | <a href="#">1787500000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in  |
| GTIN (EAN) | 4032248204847              | plugged condition, Cable entry from top, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, high, Size of cable entries: M 25               |
| Type       | HDC 06B TOLU 1M25G         | Version  |
| Order No.  | <a href="#">1788110000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in  |
| GTIN (EAN) | 4032248205554              | plugged condition, Cable entry from top, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, Standard, Size of cable entries: M 25           |
| Type       | HDC 06B TOLU 1M20G         | Version  |
| Order No.  | <a href="#">1788120000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in  |
| GTIN (EAN) | 4032248205561              | plugged condition, Cable entry from top, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, Standard, Size of cable entries: M 20           |

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## Accessories

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## Hood, Cable Entry sideways



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## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 06B TSLU 1PG16G        | Version   |
| Order No.  | <a href="#">1652520000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in   |
| GTIN (EAN) | 4008190402594              | plugged condition, Cable entry from side, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, Standard, Size of cable entries: PG 16           |
| Type       | HDC 16D TSLU 1PG21G        | Version   |
| Order No.  | <a href="#">1652560000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in   |
| GTIN (EAN) | 4008190402631              | plugged condition, Cable entry from side, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, high, Size of cable entries: PG 21               |
| Type       | HDC 16D TSLU 1PG29G        | Version   |
| Order No.  | <a href="#">1652580000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in   |
| GTIN (EAN) | 4008190402655              | plugged condition, Cable entry from side, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, high, Size of cable entries: PG 29               |
| Type       | HDC 06B TSLU 1PG13G        | Version   |
| Order No.  | <a href="#">1670530000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in   |
| GTIN (EAN) | 4008190431617              | plugged condition, Cable entry from side, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, Standard, Size of cable entries: PG 13.5         |
| Type       | HDC 16D TSLU 1M32G         | Version   |
| Order No.  | <a href="#">1787470000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in   |
| GTIN (EAN) | 4032248204816              | plugged condition, Cable entry from side, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, high, Size of cable entries: M 32                |
| Type       | HDC 16D TSLU 1M25G         | Version   |
| Order No.  | <a href="#">1787480000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in   |
| GTIN (EAN) | 4032248204823              | plugged condition, Cable entry from side, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, high, Size of cable entries: M 25                |
| Type       | HDC 06B TSLU 1M25G         | Version   |
| Order No.  | <a href="#">1788090000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in   |
| GTIN (EAN) | 4032248205530              | plugged condition, Cable entry from side, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, Standard, Size of cable entries: M 25            |
| Type       | HDC 06B TSLU 1M20G         | Version   |
| Order No.  | <a href="#">1788100000</a> | HDC enclosures, Installation size: 3, Protection degree: IP65, in   |
| GTIN (EAN) | 4032248205547              | plugged condition, Cable entry from side, Plug housing, End-locking |
| Qty.       | 1 ST                       | clamp, lower side, Standard, Size of cable entries: M 20            |

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## Accessories

### Cover



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|            |                            |         |  |
|------------|----------------------------|---------|--|
| Type       | HDC 06B DODL 2BO           | Version |  |
| Order No.  | <a href="#">1665200000</a> |         |  |
| GTIN (EAN) | 4008190421908              |         |  |
| Qty.       | 1 ST                       |         |  |