

**HDC 48B TSLU 1PG42G**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstraße 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.

**General ordering data**

|            |  |
|------------|--|
| Version    | HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 42 |
| Order No.  | <a href="#">1670470000</a>   |
| Type       | HDC 48B TSLU 1PG42G  |
| GTIN (EAN) | 4008190431556  |
| 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      | 151 mm | Depth (inches)  | 5.9449 inch |
| Height     | 94 mm  | Height (inches) | 3.7008 inch |
| Width      | 90 mm  | Width (inches)  | 3.5433 inch |
| Net weight | 697 g  |                 |             |

## Temperatures

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

## Environmental Product Compliance

|                        |                             |                         |
|------------------------|-----------------------------|-------------------------|
| RoHS Compliance Status | Compliant without exemption |                         |
| REACH SVHC             | No SVHC above 0.1 wt%       |                         |
| 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                |

## Dimensions

|                      |           |                     |       |
|----------------------|-----------|---------------------|-------|
| Cable entry          | w. thread | Width housing C     | 90 mm |
| Total length housing | 132 mm    | Height of housing B | 94 mm |

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## Technical data

## General data

|                   |                |                             |                             |
|-------------------|----------------|-----------------------------|-----------------------------|
| Tightening torque | 1.2 Nm         | Housing main material       | diecast aluminium           |
| Surface finish    | Powder coating | Protection degree           | IP65, in plugged condition  |
| EMC housings      | No             | Material of locking element | Stainless steel, rust-proof |

## Version

|                              |                                     |                                |                               |
|------------------------------|-------------------------------------|--------------------------------|-------------------------------|
| Size of cable entries        | PG 42                               | Top part/bottom part/lid       | upper part                    |
| Cover                        | without cover                       | Tightening torque              | 1.2 Nm                        |
| 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       | End-locking clamp, lower side |
| Design                       | Standard                            | Installation size              | 12                            |
| Cable entry                  | w. thread                           | Type                           | Plug                          |
| Clamp version                | End-locking clamp                   | Sealing                        | no sealing                    |
| Internal thread              | PG 42                               | Colour (RAL)                   | RAL 7035                      |
| BG                           | 12                                  | 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

