

## HDC 48B TSLU 1PG29G

**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.

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, 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 29 |
| Order No.  | <a href="#">1650850000</a>   |
| Type       | HDC 48B TSLU 1PG29G  |
| GTIN (EAN) | 4008190299453  |
| Qty.       | 1 pièce(s)   |

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**Caractéristiques techniques****Dimensions and weights**

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 151 mm   | Depth (inches)  | 5,945 inch |
| Height     | 94 mm    | Height (inches) | 3,701 inch |
| Width      | 90 mm    | Width (inches)  | 3,543 inch |
| Net weight | 632,72 g |                 |            |

**Temperatures**

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

**Dimensions**

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

**General data**

|                             |                             |                       |                             |
|-----------------------------|-----------------------------|-----------------------|-----------------------------|
| EMC housings                | No                          | Housing main material | diecast aluminium           |
| Material of locking element | Stainless steel, rust-proof | Protection degree     | IP65 (in plugged condition) |
| Surface finish              | Powder coating              | Tightening torque     | 1,2 Nm                      |

**Version**

|                              |                               |                                |                                     |
|------------------------------|-------------------------------|--------------------------------|-------------------------------------|
| BG                           | 12                            | Cable entry                    | w. thread                           |
| Clamp version                | End-locking clamp             | Colour (RAL)                   | RAL 7035                            |
| Design                       | Standard                      | Design of housing              | Cable entry from side, Plug housing |
| Design of locking system     | End-locking clamp, lower side | Internal thread                | PG 29                               |
| Number of cable entry on top | 0                             | Number of cable entry sideways | 1                                   |
| Size                         | 12                            | Size of cable entries          | PG 29                               |
| Suitable for ModuPlug®       | Yes                           | Tightening torque              | 1,2 Nm                              |
| 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 |
| ECLASS 14.0 | 27-44-02-02 |             |             |

|                     |                  |
|---------------------|------------------|
| Substance           | Diesel           |
| Chemical resistance | Resistant        |
| Substance           | Ethyl alcohol    |
| Chemical resistance | Resistant        |
| Substance           | Transmission oil |
| Chemical resistance | Resistant        |
| Substance           | Hydraulic oil    |
| Chemical resistance | Resistant        |

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Niveau du catalogue 26.11.2024 / Toutes modifications techniques réservées

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**Caractéristiques techniques**

|                     |                         |
|---------------------|-------------------------|
| 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                |
| Substance           | UV                      |
| Chemical resistance | Unstable                |
| Substance           | Ozone                   |
| Chemical resistance | Unstable                |

**Environmental Product Compliance**

|                                      |   |
|--------------------------------------|---|
| RoHS Compliance Status               | Compliant with exemption  |
| RoHS Exemption (if applicable/known) | 6bl   |
| REACH SVHC                           | Lead 7439-92-1  |
| SCIP                                 | d447edfa-0214-4f34-b5ba-82eae491b46a  |
| Chemical resistance                  | de.myview.objectmodel.impl.BlockImpl@1e7edb62 de.myview.objectmodel.impl.BlockImpl@c003d5d de.myview.objectmodel.impl.BlockImpl@342786ee de.myview.objectmodel.impl.BlockImpl@5c2fc9bc de.myview.objectmodel.impl.BlockImpl@34e2ac90 de.myview.objectmodel.impl.BlockImpl@39059584 de.myview.objectmodel.impl.BlockImpl@319d74bc de.myview.objectmodel.impl.BlockImpl@13dd291a de.myview.objectmodel.impl.BlockImpl@327a91dd de.myview.objectmodel.impl.BlockImpl@27c69ba3 de.myview.objectmodel.impl.BlockImpl@7da42373 de.myview.objectmodel.impl.BlockImpl@74b5024 de.myview.objectmodel.impl.BlockImpl@61d9cd69 |

**Approvals**

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

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[www.weidmueller.com](http://www.weidmueller.com)**Caractéristiques techniques****Downloads**

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a>   |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| Product Change Notification                 | <a href="#">20220214 Technical change to HDC housings</a><br><a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a> |
| Technical Documentation                     | <a href="#">1650850000 HDC 48B TSLU 1PG29G STP Blatt_1.pdf</a>   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |
| Brochures                                   | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a>   |

**Fiche de données**

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**Dessins**

