

**HDC 10A TOLU 1PG16G****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

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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: 2, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16 |
| Order No.  | <a href="#">1663930000</a>                                                                                                                                                         |
| Type       | HDC 10A TOLU 1PG16G                                                                                                                                                                |
| GTIN (EAN) | 4008190420628                                                                                                                                                                      |
| Qty.       | 1 pc(s).                                                                                                                                                                           |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 72.5 mm | Depth (inches)  | 2.854 inch |
| Height     | 54 mm   | Height (inches) | 2.126 inch |
| Width      | 32.5 mm | Width (inches)  | 1.28 inch  |
| Net weight | 102 g   |                 |            |

## Temperatures

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

## Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | d447edfa-0214-4f34-b5ba-82eae491b46a |

|                     |                     |                         |
|---------------------|---------------------|-------------------------|
| 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 | Height of housing B | 54 mm   |
| Total length housing | 63 mm     | Width housing C     | 29.5 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     | 0.5 Nm                      |

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**Technical data****Version**

|                              |                               |                                |                                    |
|------------------------------|-------------------------------|--------------------------------|------------------------------------|
| BG                           | 2                             | Cable entry                    | www.weidmueller.com                |
| Clamp version                | End-locking clamp             | Colour (RAL)                   | RAL 7035                           |
| Design                       | Standard                      | Design of housing              | Cable entry from top, Plug housing |
| Design of locking system     | End-locking clamp, lower side | Internal thread                | PG 16                              |
| Number of cable entry on top | 1                             | Number of cable entry sideways | 0                                  |
| Sealing                      | NBR                           | Size                           | 2                                  |
| Size of cable entries        | PG 16                         | Suitable for ModuPlug®         | No                                 |
| Tightening torque            | 0.5 Nm                        | Top part/bottom part/lid       | upper part                         |
| Type                         | Plug                          |                                |                                    |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | 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 |

**Approvals**

Approvals



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

**Downloads**

|                                             |                                                                                                                            |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a>                                                                                 |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                            |
| Engineering Data                            | <a href="#">EPLAN</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="#">1663930000 HDC 10A TOLU 1PG16G 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>                                                     |

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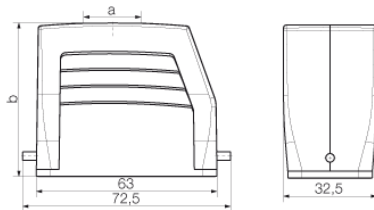
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## Drawings



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