

**HDC 48B TOLU 1PG36G****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.

**General ordering data**

|            |   |
|------------|---|
| Version    | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 36 |
| Order No.  | <a href="#">1651000000</a>  |
| Type       | HDC 48B TOLU 1PG36G   |
| GTIN (EAN) | 4008190299620   |
| Qty.       | 1 pc(s).  |

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**Technical data****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 | 724 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 |                             | Protection degree     | IP65 (in plugged condition) |
|                             | Stainless steel, rust-proof |                       |                             |
| 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                       |                               | Design of housing              | Cable entry from top, Plug housing |
|                              | Standard                      |                                |                                    |
| Design of locking system     | End-locking clamp, lower side | Internal thread                | PG 36                              |
| Number of cable entry on top | 1                             | Number of cable entry sideways | 0                                  |
| Size                         | 12                            | Size of cable entries          | PG 36                              |
| 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 |

|                     |                         |
|---------------------|-------------------------|
| 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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|                     |                         |
|---------------------|-------------------------|
| 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                           | Lead 7439-92-1  |
| SCIP                                 | d447edfa-0214-4f34-b5ba-82eae491b46a  |
| Chemical resistance                  | de.myview.objectmodel.impl.BlockImpl@8a8ce3a de.myview.objectmodel.impl.BlockImpl@425959b1<br>de.myview.objectmodel.impl.BlockImpl@5da6bc5e de.myview.objectmodel.impl.BlockImpl@20cc01e1<br>de.myview.objectmodel.impl.BlockImpl@6edbd2dc de.myview.objectmodel.impl.BlockImpl@66479a67<br>de.myview.objectmodel.impl.BlockImpl@eeb9ebd de.myview.objectmodel.impl.BlockImpl@4ee84588<br>de.myview.objectmodel.impl.BlockImpl@7e1533bb de.myview.objectmodel.impl.BlockImpl@24db1abc<br>de.myview.objectmodel.impl.BlockImpl@761766ec de.myview.objectmodel.impl.BlockImpl@7adfa9a3<br>de.myview.objectmodel.impl.BlockImpl@2d00c5a8 |
| RoHS Compliance Status               | Compliant with exemption  |
| RoHS Exemption (if applicable/known) | 6bl   |

**Approvals**

Approvals



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

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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](#)

Technical Documentation

[1651000000 HDC 48B TOLU 1PG36G STP Blatt 1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

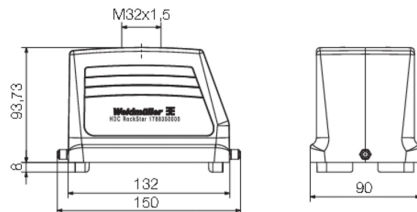
[FL FIELDWIRING EN](#)

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## Drawings



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## Accessories

## Base housing



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

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## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 48B SDLU 1M32G         | Version   |
| Order No.  | <a href="#">1904150000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 32  |
| GTIN (EAN) | 4032248585700              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B SLU 2M32G          | Version   |
| Order No.  | <a href="#">1788370000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32              |
| GTIN (EAN) | 4032248205905              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B SDLU 2PG29G        | Version   |
| Order No.  | <a href="#">1667560000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190424763              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B SLU 1M32G          | Version   |
| Order No.  | <a href="#">1904190000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32              |
| GTIN (EAN) | 4032248585779              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B SDLU 2M50G         | Version   |
| Order No.  | <a href="#">1983510000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 50  |
| GTIN (EAN) | 4032248687770              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B SLU 1PG29G         | Version   |
| Order No.  | <a href="#">1651100000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29             |
| GTIN (EAN) | 4008190299705              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B SLU 2M40G          | Version   |
| Order No.  | <a href="#">1788360000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 40              |
| GTIN (EAN) | 4032248205899              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B SDLU 1PG29G        | Version   |
| Order No.  | <a href="#">1799810000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 29 |
| GTIN (EAN) | 4032248247035              |   |
| Qty.       | 1 pc(s).                   |   |

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## Accessories

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 48B SDLU 2M40G         | Version  |
| Order No.  | <a href="#">1983500000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 40 |
| GTIN (EAN) | 4032248687787              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 48B SDLU 2M32G         | Version  |
| Order No.  | <a href="#">1788390000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248205929              |  |
| Qty.       | 1 pc(s).                   |  |

## Bulkhead housing



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## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 48B ALU                | Version  |
| Order No.  | <a href="#">1295600000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, without cover |
| GTIN (EAN) | 4050118092066              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 48B ADLU               | Version  |
| Order No.  | <a href="#">1222900000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, with cover    |
| GTIN (EAN) | 4008190138004              |  |
| Qty.       | 1 pc(s).                   |  |