

**HDC 48B TOLU 1M40G****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 top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 40 |
| Order No.  | <a href="#">1788340000</a>                                                                                                                                                         |
| Type       | HDC 48B TOLU 1M40G                                                                                                                                                                 |
| GTIN (EAN) | 4032248205875                                                                                                                                                                      |
| Qty.       | 1 pc(s).                                                                                                                                                                           |

## HDC 48B TOLU 1M40G

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## 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 | 532 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 top, Plug housing |
| Design of locking system     | End-locking clamp, lower side | Internal thread                | M 40                               |
| Number of cable entry on top | 1                             | Number of cable entry sideways | 0                                  |
| Size                         | 12                            | Size of cable entries          | M 40                               |
| 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    |
| ETIM 10.0   | 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 |
| ECLASS 15.0 | 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               |

Creation date May 11, 2025 7:20:22 PM CEST

**HDC 48B TOLU 1M40G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data**

|                     |                         |
|---------------------|-------------------------|
| 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                |

**Environmental Product Compliance**

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliance Status | Compliant without exemption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| REACH SVHC             | No SVHC above 0.1 wt%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Chemical resistance    | de.myview.objectmodel.impl.BlockImpl@2a3e694 de.myview.objectmodel.impl.BlockImpl@4faf4a75<br>de.myview.objectmodel.impl.BlockImpl@5b89ad2e de.myview.objectmodel.impl.BlockImpl@70579e0e<br>de.myview.objectmodel.impl.BlockImpl@6d5d51d6 de.myview.objectmodel.impl.BlockImpl@589442ea<br>de.myview.objectmodel.impl.BlockImpl@4e62740b de.myview.objectmodel.impl.BlockImpl@2893427<br>de.myview.objectmodel.impl.BlockImpl@5dd0641 de.myview.objectmodel.impl.BlockImpl@7fa48702<br>de.myview.objectmodel.impl.BlockImpl@223b66d1 de.myview.objectmodel.impl.BlockImpl@695846bd<br>de.myview.objectmodel.impl.BlockImpl@4daad9 |

**Approvals**

Approvals



|                         |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                 |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                              |
| Certificate No. (cURus) | E92202                                                                                                                                                                                                                                                                                                                                                  |

### HDC 48B TOLU 1M40G

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## 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](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

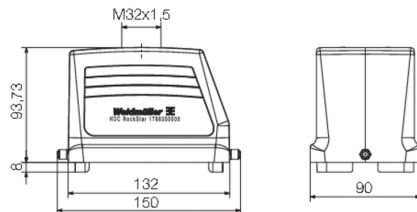
[FL FIELDWIRING EN](#)

## HDC 48B TOLU 1M40G

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Drawings



## HDC 48B TOLU 1M40G

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## Bulkhead housing



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

|            |                            |                                                                                                                                                    |
|------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 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).                   |                                                                                                                                                    |

## Base housing



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

|            |                            |                                                                                                                                                               |
|------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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).                   |                                                                                                                                                               |

## HDC 48B TOLU 1M40G

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

|            |                            |                                                                                                                                                                           |
|------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 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).                   |                                                                                                                                                                           |
| 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 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 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 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 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 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).                   |                                                                                                                                                                           |
| 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).                   |                                                                                                                                                                           |