

**HDC 16B TOLU 1M25G****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: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25 |
| Order No.  | <a href="#">1788230000</a>                                                                                                                                                        |
| Type       | HDC 16B TOLU 1M25G                                                                                                                                                                |
| GTIN (EAN) | 4032248205769                                                                                                                                                                     |
| Qty.       | 1 pc(s).                                                                                                                                                                          |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 61 mm   | Height (inches) | 2.402 inch |
| Width      | 45.5 mm | Width (inches)  | 1.791 inch |
| Net weight | 220 g   |                 |            |

## Temperatures

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

## Dimensions

|                      |           |                     |       |
|----------------------|-----------|---------------------|-------|
| Cable entry          | w. thread | Height of housing B | 61 mm |
| Total length housing | 93.3 mm   | Width housing C     | 43 mm |

## General data

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

## Version

|                              |                               |                                |                                    |
|------------------------------|-------------------------------|--------------------------------|------------------------------------|
| BG                           | 6                             | 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                | M 25                               |
| Number of cable entry on top | 1                             | Number of cable entry sideways | 0                                  |
| Size                         | 6                             | Size of cable entries          | M 25                               |
| Suitable for ModuPlug®       | No                            | 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               |

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|                     |                         |
|---------------------|-------------------------|
| 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@2cba5593 de.myview.objectmodel.impl.BlockImpl@56fd6e16<br>de.myview.objectmodel.impl.BlockImpl@45bb0cf6 de.myview.objectmodel.impl.BlockImpl@2d29337c<br>de.myview.objectmodel.impl.BlockImpl@53c1fd87 de.myview.objectmodel.impl.BlockImpl@6ef1a437<br>de.myview.objectmodel.impl.BlockImpl@73b0d9a3 de.myview.objectmodel.impl.BlockImpl@17e6b67a<br>de.myview.objectmodel.impl.BlockImpl@4b974cc4 de.myview.objectmodel.impl.BlockImpl@2824999d<br>de.myview.objectmodel.impl.BlockImpl@5dac30fb de.myview.objectmodel.impl.BlockImpl@7f5b0852<br>de.myview.objectmodel.impl.BlockImpl@edb8a11 |

## 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                                                                                                                                                                                                                                                                                                                                                  |

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[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

[1788230000 HDC\\_16B\\_TOLU\\_1M25G\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

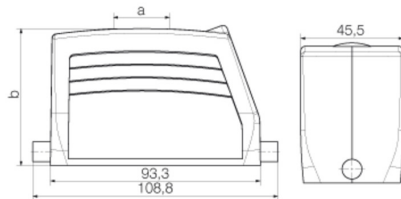
[FL FIELDWIRING EN](#)

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## Drawings



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## Accessories

## Bulkhead housing



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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 16B ALU                | Version                                                                                                                                        |
| Order No.  | <a href="#">1209700000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard             |
| GTIN (EAN) | 4008190000134              |                                                                                                                                                |
| Qty.       | 1 pc(s).                   |                                                                                                                                                |
| Type       | HDC 16B ADLU               | Version                                                                                                                                        |
| Order No.  | <a href="#">1210100000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, with cover |
| GTIN (EAN) | 4008190050924              |                                                                                                                                                |
| Qty.       | 1 pc(s).                   |                                                                                                                                                |

## Base housing



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## General ordering data

|            |                            |                                                                                                                                                             |
|------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 16B SLU 2M25G          | Version                                                                                                                                                     |
| Order No.  | <a href="#">1788250000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248205783              |                                                                                                                                                             |
| Qty.       | 1 pc(s).                   |                                                                                                                                                             |

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## Accessories

|            |                            |                                                                                                                                                                          |
|------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 40D SDLU 1M25G         | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1903070000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 25      |
| GTIN (EAN) | 4032248592975              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 16B SLU 1PG21G         | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1658110000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21             |
| GTIN (EAN) | 4008190411169              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 16B SDLU 2M25G         | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1788270000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 25  |
| GTIN (EAN) | 4032248205806              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC HB16 SDVL 2XM25 SET    | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1822020000</a> | HDC enclosures, Size: , Protection degree: IP65 (in plugged condition)                                                                                                   |
| GTIN (EAN) | 4032248322824              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 40D SLU 1PG29G         | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1957630000</a> | HDC enclosures, Size: , Protection degree: IP65 (in plugged condition)                                                                                                   |
| GTIN (EAN) | 4032248780754              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 16B SDLU 1M25G         | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1415810000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 25  |
| GTIN (EAN) | 4050118217230              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC HBD40 SDVL 2XM32 SET   | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1822150000</a> | HDC enclosures, Size: , Protection degree: IP65 (in plugged condition)                                                                                                   |
| GTIN (EAN) | 4032248322954              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 16B SDLU 1PG21G        | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1658320000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190411374              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 16B SLU 2PG21G         | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1658120000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21             |
| GTIN (EAN) | 4008190411176              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 40D SDLU 1M32G         | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1903080000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 32      |
| GTIN (EAN) | 4032248592982              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 40D SLU 1M32G          | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1903110000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, Size of cable entries: M 32                  |
| GTIN (EAN) | 4032248590117              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 40D SDLU 1PG29G        | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1658410000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: PG 29     |
| GTIN (EAN) | 4008190411459              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 40D SDLU 2M25G         | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1787180000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 25      |
| GTIN (EAN) | 4032248204526              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |

Creation date May 11, 2025 7:20:17 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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## Accessories

|            |                            |                                                                                                                                                                          |
|------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 16B SLU 1M25G          | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1900170000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25              |
| GTIN (EAN) | 4032248520800              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 40D SLU 2M32G          | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1804660000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, Size of cable entries: M 32                  |
| GTIN (EAN) | 4032248267606              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 40D SDLU 2M32G         | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1787170000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 32      |
| GTIN (EAN) | 4032248204519              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |
| Type       | HDC 16B SDLU 2PG21G        | Version                                                                                                                                                                  |
| Order No.  | <a href="#">1658330000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190411381              |                                                                                                                                                                          |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                          |

## Coupling hood



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 40D KLU 1M25G          | Version                                                                                                                                                         |
| Order No.  | <a href="#">1787220000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, high, Size of cable entries: M 25     |
| GTIN (EAN) | 4032248204564              |                                                                                                                                                                 |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                 |
| Type       | HDC 16B KLU 1M25G          | Version                                                                                                                                                         |
| Order No.  | <a href="#">1788290000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248205820              |                                                                                                                                                                 |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                 |