

**HDC 16B SLU 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), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25 |
| Order No.  | <a href="#">1900170000</a>  |
| Type       | HDC 16B SLU 1M25G   |
| GTIN (EAN) | 4032248520800   |
| Qty.       | 1 pc(s).  |

## HDC 16B SLU 1M25G

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## Technical data

## Dimensions and weights

|                             |         |                            |           |
|-----------------------------|---------|----------------------------|-----------|
| Height                      | 64 mm   | Height (inches)            | 2.52 inch |
| Width                       | 79.5 mm | Width (inches)             | 3.13 inch |
| Mounting dimension - height | 45 mm   | Mounting dimension - width | 105 mm    |
| Net weight                  | 361 g   |                            |           |

## Temperatures

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

## Dimensions

|                      |           |                      |         |
|----------------------|-----------|----------------------|---------|
| Cable entry          | w. thread | Height of base B1    | 5 mm    |
| Height of housing B  | 64 mm     | Hole pitch length A2 | 105 mm  |
| Total length housing | 93.3 mm   | Width base C1        | 56.5 mm |
| Width housing C      | 43 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              |                       |                             |

## Version

|                              |                               |                                |              |
|------------------------------|-------------------------------|--------------------------------|--------------|
| BG                           | 6                             | Cable entry                    | w. thread    |
| Clamp version                | End-locking clamp             | Colour (RAL)                   | RAL 7035     |
| Design                       | Standard                      | Design of housing              | Base housing |
| Design of locking system     | End-locking clamp, lower side | Internal thread                | M 25         |
| Number of cable entry on top | 0                             | Number of cable entry sideways | 1            |
| Sealing                      | NBR                           | Size                           | 6            |
| Size of cable entries        | M 25                          | Suitable for ModuPlug®         | No           |
| Top part/bottom part/lid     | lower part                    | Type                           | Base housing |

## 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           | Acetone                 |
| Chemical resistance | Conditionally resistant |
| Substance           | Drilling oil            |
| Chemical resistance | Resistant               |
| Substance           | Diesel                  |
| Chemical resistance | Resistant               |
| Substance           | Ethyl alcohol           |
| Chemical resistance | Resistant               |

Creation date October 6, 2024 1:25:29 AM CEST

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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**

|                                      |   |
|--------------------------------------|---|
| REACH SVHC                           | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3   |
| SCIP                                 | e98b2b24-ba23-41bf-8d19-Odda3647412f  |
| Chemical resistance                  | de.myview.objectmodel.impl.BlockImpl@6322ed9 de.myview.objectmodel.impl.BlockImpl@6e1f358e<br>de.myview.objectmodel.impl.BlockImpl@71a3db57 de.myview.objectmodel.impl.BlockImpl@38791f4f<br>de.myview.objectmodel.impl.BlockImpl@2f2aba7f de.myview.objectmodel.impl.BlockImpl@388e4951<br>de.myview.objectmodel.impl.BlockImpl@57985474 de.myview.objectmodel.impl.BlockImpl@27ebbaaf<br>de.myview.objectmodel.impl.BlockImpl@5d68156f de.myview.objectmodel.impl.BlockImpl@17e60b52<br>de.myview.objectmodel.impl.BlockImpl@248d62e de.myview.objectmodel.impl.BlockImpl@788c2a0a<br>de.myview.objectmodel.impl.BlockImpl@65d29b19 |
| 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

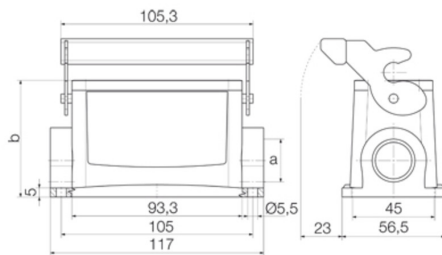
|                             |  |
|-----------------------------|--|
| Engineering Data            | <a href="#">CAD data – STEP</a>  |
| Product Change Notification | <a href="#">20220214 Technical change to HDC housings</a><br><a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a> |
| Catalogues                  | <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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## Drawings



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## Accessories

## Hood, Cable Entry at top



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## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 40D TOLU 1M40G         | Version   |
| Order No.  | <a href="#">1139680000</a> | HDC enclosures, Size: 6, Protection degree: IP65, IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 40 |
| GTIN (EAN) | 4032248959792              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 16B TOLU 1PG21G        | Version   |
| Order No.  | <a href="#">1657960000</a> | 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: PG 21  |
| GTIN (EAN) | 4008190411015              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 16B TOLU 1M25G         | Version   |
| Order No.  | <a href="#">1788230000</a> | 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   |
| GTIN (EAN) | 4032248205769              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 40D TOLU 1PG29G        | Version   |
| Order No.  | <a href="#">1658020000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 29      |
| GTIN (EAN) | 4008190411077              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 16B TOLU 1M32G         | Version   |
| Order No.  | <a href="#">1804630000</a> | 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 32   |
| GTIN (EAN) | 4032248267552              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 40D TOLU 1M32G         | Version   |
| Order No.  | <a href="#">1787100000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 32       |
| GTIN (EAN) | 4032248204441              |   |
| Qty.       | 1 pc(s).                   |   |

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## Accessories

## Hood, Cable Entry sideways



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|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 16B TSLU 1M32G         | Version  |
| Order No.  | <a href="#">1804640000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248267569              | lower side, Standard, Size of cable entries: M 32  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 40D TSLU 1M32G         | Version  |
| Order No.  | <a href="#">1787040000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248204281              | lower side, high, Size of cable entries: M 32  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 40D TSLU 1M25G         | Version  |
| Order No.  | <a href="#">1787050000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248204298              | lower side, high, Size of cable entries: M 25  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 40D TSLU 1PG29G        | Version  |
| Order No.  | <a href="#">1657910000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190410964              | lower side, high, Size of cable entries: PG 29   |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 16B TSLU 1PG21G        | Version  |
| Order No.  | <a href="#">1657850000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190410902              | lower side, Standard, Size of cable entries: PG 21   |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 40D TSLU 1PG21G        | Version  |
| Order No.  | <a href="#">1657890000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190410933              | lower side, high, Size of cable entries: PG 21   |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 16B TSLU 1M25G         | Version  |
| Order No.  | <a href="#">1788200000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248205738              | lower side, Standard, Size of cable entries: M 25  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 40D TSLU 1M40G         | Version  |
| Order No.  | <a href="#">1804650000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248267576              | lower side, high, Size of cable entries: M 40  |
| Qty.       | 1 pc(s).                   |  |