

**HDC 24D KLU 1M32G****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: 4, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, high, Size of cable entries: M 32 |
| Order No.  | <a href="#">1787450000</a>  |
| Type       | HDC 24D KLU 1M32G   |
| GTIN (EAN) | 4032248204793   |
| Qty.       | 1 pc(s).  |

## HDC 24D KLU 1M32G

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 75 mm   | Height (inches) | 2.953 inch |
| Width      | 72.4 mm | Width (inches)  | 2.85 inch  |
| Net weight | 237 g   |                 |            |

## Temperatures

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

## Dimensions

|                      |           |                     |       |
|----------------------|-----------|---------------------|-------|
| Cable entry          | w. thread | Height of housing B | 75 mm |
| Total length housing | 73 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                           | 4                             | Cable entry                    | w. thread          |
| Clamp version                | End-locking clamp             | Colour (RAL)                   | RAL 7035           |
| Design                       | high                          | Design of housing              | Coupling housing   |
| Design of locking system     | End-locking clamp, lower side | Internal thread                | M 32               |
| Number of cable entry on top | 1                             | Number of cable entry sideways | 0                  |
| Sealing                      | NBR                           | Size                           | 4                  |
| Size of cable entries        | M 32                          | Suitable for ModuPlug®         | Yes                |
| Top part/bottom part/lid     | lower part                    | Type                           | coupling extension |

## 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        |
| Chemical resistance | Resistant               |

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|---------------------|-------------------------|
| 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@123fb2c4 de.myview.objectmodel.impl.BlockImpl@5770651c<br>de.myview.objectmodel.impl.BlockImpl@59fb6719 de.myview.objectmodel.impl.BlockImpl@5735851a<br>de.myview.objectmodel.impl.BlockImpl@38f3b4aa de.myview.objectmodel.impl.BlockImpl@6cff6e2d<br>de.myview.objectmodel.impl.BlockImpl@6ebe0f04 de.myview.objectmodel.impl.BlockImpl@15585a9c<br>de.myview.objectmodel.impl.BlockImpl@30abea79 de.myview.objectmodel.impl.BlockImpl@27b27447<br>de.myview.objectmodel.impl.BlockImpl@396a999a de.myview.objectmodel.impl.BlockImpl@6e31a891<br>de.myview.objectmodel.impl.BlockImpl@1266f0c |

## 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>  |
| 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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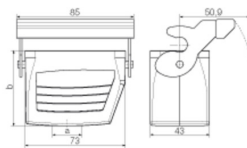
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## Drawings



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## Accessories

## Hood, Cable Entry at top



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## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 24D TOLU 1M32G         | Version  |
| Order No.  | <a href="#">1787330000</a> | HDC enclosures, Size: 4, 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) | 4032248204670              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 10B TOLU 1PG16G        | Version  |
| Order No.  | <a href="#">1655320000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16 |
| GTIN (EAN) | 4008190408329              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TOLU 1PG21G        | Version  |
| Order No.  | <a href="#">1655360000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 21     |
| GTIN (EAN) | 4008190408367              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TOLU 1M25G         | Version  |
| Order No.  | <a href="#">1787340000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 25      |
| GTIN (EAN) | 4032248204687              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 10B TOLU 1M25G         | Version  |
| Order No.  | <a href="#">1787620000</a> | HDC enclosures, Size: 4, 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) | 4032248204960              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TOLU 1PG29G        | Version  |
| Order No.  | <a href="#">1655380000</a> | HDC enclosures, Size: 4, 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) | 4008190408381              |  |
| Qty.       | 1 pc(s).                   |  |

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## Accessories

## Hood, Cable Entry sideways



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|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 24D TSLU 1M32G         | Version  |
| Order No.  | <a href="#">1787270000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248204618              | lower side, high, Size of cable entries: M 32  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TSLU 1M25G         | Version  |
| Order No.  | <a href="#">1787280000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248204625              | lower side, high, Size of cable entries: M 25  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 10B TSLU 1M25G         | Version  |
| Order No.  | <a href="#">1787580000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248204922              | lower side, Standard, Size of cable entries: M 25  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 10B TSLU 1PG16G        | Version  |
| Order No.  | <a href="#">1655210000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190408213              | lower side, Standard, Size of cable entries: PG 16   |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TSLU 1PG21G        | Version  |
| Order No.  | <a href="#">1655250000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190408251              | lower side, high, Size of cable entries: PG 21   |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TSLU 1PG29G        | Version  |
| Order No.  | <a href="#">1655270000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190408275              | lower side, high, Size of cable entries: PG 29   |
| Qty.       | 1 pc(s).                   |  |