

## HDC 10B SBU 1M25G

**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), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25 |
| Order No.  | <a href="#">1901370000</a>   |
| Type       | HDC 10B SBU 1M25G  |
| GTIN (EAN) | 4032248588244  |
| Qty.       | 1 pc(s).   |

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## Technical data

## Dimensions and weights

|                             |          |                            |            |
|-----------------------------|----------|----------------------------|------------|
| Depth                       | 115.7 mm | Depth (inches)             | 4.555 inch |
| Height                      | 57 mm    | Height (inches)            | 2.244 inch |
| Width                       | 53.5 mm  | Width (inches)             | 2.106 inch |
| Mounting dimension - height | 43 mm    | Mounting dimension - width | 82 mm      |
| Net weight                  | 285 g    |                            |            |

## Temperatures

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

## Dimensions

|                      |           |                      |         |
|----------------------|-----------|----------------------|---------|
| Cable entry          | w. thread | Height of base B1    | 5 mm    |
| Height of housing B  | 57 mm     | Hole pitch length A2 | 82 mm   |
| Total length housing | 73 mm     | Width base C1        | 53.5 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                           | 4                                | Cable entry                    | w. thread    |
| Clamp version                | Side-locking clamp               | Colour (RAL)                   | RAL 7035     |
| Design                       | Standard                         | Design of housing              | Base housing |
| Design of locking system     | Side-locking clamp on lower side | Internal thread                | M 25         |
| Number of cable entry on top | 0                                | Number of cable entry sideways | 1            |
| Sealing                      | NBR                              | Size                           | 4            |
| 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 |

|                     |                         |
|---------------------|-------------------------|
| 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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## 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

|                     |   |
|---------------------|---|
| REACH SVHC          | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3   |
| SCIP                | e98b2b24-ba23-41bf-8d19-0dda3647412f  |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@24c1ee2d de.myview.objectmodel.impl.BlockImpl@35ca6830<br>de.myview.objectmodel.impl.BlockImpl@5b4b6d19 de.myview.objectmodel.impl.BlockImpl@72346dd7<br>de.myview.objectmodel.impl.BlockImpl@592f553a de.myview.objectmodel.impl.BlockImpl@3fc22dc7<br>de.myview.objectmodel.impl.BlockImpl@3f61bc83 de.myview.objectmodel.impl.BlockImpl@6eea346d<br>de.myview.objectmodel.impl.BlockImpl@4dcf2a0f de.myview.objectmodel.impl.BlockImpl@63cd9a64<br>de.myview.objectmodel.impl.BlockImpl@517aa73a de.myview.objectmodel.impl.BlockImpl@6e8ca824<br>de.myview.objectmodel.impl.BlockImpl@5a2768a8 |

## Approvals

Approvals



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

## 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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## Accessories

### Hood, Cable Entry at top



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

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Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

### General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 24D TOBU 1M25G         | Version  |
| Order No.  | <a href="#">1787300000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 25       |
| GTIN (EAN) | 4032248204649              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 10B TOBU 1M20G         | Version  |
| Order No.  | <a href="#">1787600000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20   |
| GTIN (EAN) | 4032248204946              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 10B TOBU 1PG16G        | Version  |
| Order No.  | <a href="#">1654220000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16  |
| GTIN (EAN) | 4008190407049              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 10B TOBU 1PG21G        | Version  |
| Order No.  | <a href="#">1654240000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21  |
| GTIN (EAN) | 4008190407063              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 10B TOBU 1M25G         | Version  |
| Order No.  | <a href="#">1787590000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25   |
| GTIN (EAN) | 4032248204939              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TOBU 1M32G         | Version  |
| Order No.  | <a href="#">1787290000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 32       |
| GTIN (EAN) | 4032248204632              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TOBU 2M20G         | Version  |
| Order No.  | <a href="#">1336600000</a> | HDC enclosures, Size: 4, Protection degree: IP65, IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 20 |
| GTIN (EAN) | 4050118175257              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TOBU 1PG29G        | Version  |
| Order No.  | <a href="#">1654320000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29      |
| GTIN (EAN) | 4008190407148              |  |
| Qty.       | 1 pc(s).                   |  |

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## Accessories

### Cover



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### General ordering data

| Type       | HDC 10B DODQ 4B0           | Version  |
|------------|----------------------------|--|
| Order No.  | <a href="#">1665230000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4008190421939              |  |
| Qty.       | 1 pc(s).                   |  |

### Hood, Cable Entry sideways



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### General ordering data

| Type       | HDC 10B TSBU 1M20G         | Version  |
|------------|----------------------------|--|
| Order No.  | <a href="#">1787560000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20  |
| GTIN (EAN) | 4032248204908              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 10B TSBU 1PG21G        | Version  |
| Order No.  | <a href="#">1654090000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190406912              |  |
| Qty.       | 1 pc(s).                   |  |

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## Accessories

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 10B TSBU 1PG16G        | Version  |
| Order No.  | <a href="#">1654070000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16 |
| GTIN (EAN) | 4008190406899              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TSBU 1M25G         | Version  |
| Order No.  | <a href="#">1787240000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 25      |
| GTIN (EAN) | 4032248204588              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TSBU 1PG29G        | Version  |
| Order No.  | <a href="#">1654170000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29     |
| GTIN (EAN) | 4008190406998              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 10B TSBU 1M25G         | Version  |
| Order No.  | <a href="#">1787550000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25  |
| GTIN (EAN) | 4032248204892              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TSBU 1PG21G        | Version  |
| Order No.  | <a href="#">1654150000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21     |
| GTIN (EAN) | 4008190406974              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 24D TSBU 1M32G         | Version  |
| Order No.  | <a href="#">1787230000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 32      |
| GTIN (EAN) | 4032248204571              |  |
| Qty.       | 1 pc(s).                   |  |