

## HDC 24B TSBU 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: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 40 |
| Order No.  | <a href="#">1902480000</a>                                                                                                                                                            |
| Type       | HDC 24B TSBU 1M40G                                                                                                                                                                    |
| GTIN (EAN) | 4032248592944                                                                                                                                                                         |
| Qty.       | 1 pc(s).                                                                                                                                                                              |

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## Technical data

## Dimensions and weights

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Height     | 61 mm | Height (inches) | 2.402 inch |
| Width      | 59 mm | Width (inches)  | 2.323 inch |
| Net weight | 269 g |                 |            |

## Temperatures

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

## Dimensions

|                      |           |                     |          |
|----------------------|-----------|---------------------|----------|
| Cable entry          | w. thread | Height of housing B | 62.58 mm |
| Total length housing | 120 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                           | 8                                | Cable entry                    | w. thread                           |
| Clamp version                | Side-locking clamp               | Colour (RAL)                   | RAL 7035                            |
| Design                       | Standard                         | Design of housing              | Cable entry from side, Plug housing |
| Design of locking system     | Side-locking clamp on lower side | Internal thread                | M 40                                |
| Number of cable entry on top | 0                                | Number of cable entry sideways | 1                                   |
| Size                         | 8                                | Size of cable entries          | M 40                                |
| 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    | 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 |

|                     |                         |
|---------------------|-------------------------|
| 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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**Technical data**

|                     |                         |
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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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SCIP                | d447edfa-0214-4f34-b5ba-82eae491b46a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@199971a4 de.myview.objectmodel.impl.BlockImpl@1ba84477 de.myview.objectmodel.impl.BlockImpl@6b4619a2 de.myview.objectmodel.impl.BlockImpl@602bac17 de.myview.objectmodel.impl.BlockImpl@326df5e7 de.myview.objectmodel.impl.BlockImpl@6bbf9421 de.myview.objectmodel.impl.BlockImpl@30ef0bfd de.myview.objectmodel.impl.BlockImpl@d1952e3 de.myview.objectmodel.impl.BlockImpl@50064c6a de.myview.objectmodel.impl.BlockImpl@470fc4d7 de.myview.objectmodel.impl.BlockImpl@ff79f28 de.myview.objectmodel.impl.BlockImpl@483e5a7f de.myview.objectmodel.impl.BlockImpl@2a392a0e |

**Approvals**

Approvals



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

**Downloads**

|                             |                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Engineering Data            | <a href="#">CAD data – STEP</a>                                                                                            |
| Engineering Data            | <a href="#">WSCAD</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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**Data sheet**

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**Drawings**

