

**HDC 10B TOBU 1PG21G****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), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21 |
| Order No.  | <a href="#">1654240000</a>                                                                                                                                                            |
| Type       | HDC 10B TOBU 1PG21G                                                                                                                                                                   |
| GTIN (EAN) | 4008190407063                                                                                                                                                                         |
| Qty.       | 1 pc(s).                                                                                                                                                                              |

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**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 73 mm   | Depth (inches)  | 2.874 inch |
| Height     | 52 mm   | Height (inches) | 2.047 inch |
| Width      | 58.5 mm | Width (inches)  | 2.303 inch |
| Net weight | 134 g   |                 |            |

**Temperatures**

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

**Dimensions**

|                      |           |                     |       |
|----------------------|-----------|---------------------|-------|
| Cable entry          | w. thread | Height of housing B | 52 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 | 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              | Cable entry from top, Plug housing |
| Design of locking system     | Side-locking clamp on lower side | Internal thread                | PG 21                              |
| Number of cable entry on top | 1                                | Number of cable entry sideways | 0                                  |
| Size                         | 4                                | Size of cable entries          | PG 21                              |
| 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               |

Creation date May 11, 2025 6:55:56 PM CEST

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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**

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliance Status | Compliant without exemption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| REACH SVHC             | No SVHC above 0.1 wt%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Chemical resistance    | de.myview.objectmodel.impl.BlockImpl@7de3e735 de.myview.objectmodel.impl.BlockImpl@700897a9<br>de.myview.objectmodel.impl.BlockImpl@4c05adc1 de.myview.objectmodel.impl.BlockImpl@5e519ef0<br>de.myview.objectmodel.impl.BlockImpl@3c691040 de.myview.objectmodel.impl.BlockImpl@8687dbb<br>de.myview.objectmodel.impl.BlockImpl@69e2a2d2 de.myview.objectmodel.impl.BlockImpl@3b161700<br>de.myview.objectmodel.impl.BlockImpl@4f89eb32 de.myview.objectmodel.impl.BlockImpl@4c7c2dd<br>de.myview.objectmodel.impl.BlockImpl@784f14a5 de.myview.objectmodel.impl.BlockImpl@736ab2bb<br>de.myview.objectmodel.impl.BlockImpl@73ba179f |

**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                                                                                                                                                                                                                                                                                                                                                  |

## HDC 10B TOBU 1PG21G

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## Technical data

### Downloads

Approval/Certificate/Document of Conformity

[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

[1654240000 HDC 10B TOBU 1PG21G STP Blatt 1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

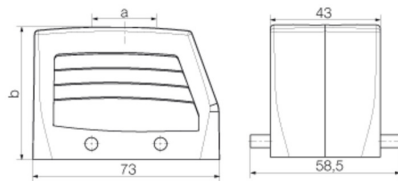
[FL FIELDWIRING EN](#)

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Cover**

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**General ordering data**

|            |                            |                                                                                                                                                      |
|------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 10B DMDQ 2QB           | Version                                                                                                                                              |
| Order No.  | <a href="#">1665240000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4008190421946              |                                                                                                                                                      |
| Qty.       | 1 pc(s).                   |                                                                                                                                                      |