

**HDC 40D TSBO 1PG21G****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), Cable entry from side, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 21 |
| Order No.  | <a href="#">1657420000</a>   |
| Type       | HDC 40D TSBO 1PG21G  |
| GTIN (EAN) | 4008190410476  |
| Qty.       | 1 pc(s).   |

## HDC 40D TSBO 1PG21G

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 93.3 mm | Depth (inches)  | 3.673 inch |
| Height     | 76 mm   | Height (inches) | 2.992 inch |
| Width      | 55 mm   | Width (inches)  | 2.165 inch |
| Net weight | 334 g   |                 |            |

## Temperatures

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

## Dimensions

|                      |           |                     |       |
|----------------------|-----------|---------------------|-------|
| Cable entry          | w. thread | Height of housing B | 76 mm |
| Total length housing | 93.3 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                | Side-locking clamp               | Colour (RAL)                   | RAL 7035                            |
| Design                       | high                             | Design of housing              | Cable entry from side, Plug housing |
| Design of locking system     | Side-locking clamp on upper side | Internal thread                | PG 21                               |
| Number of cable entry on top | 0                                | Number of cable entry sideways | 1                                   |
| Size                         | 6                                | Size of cable entries          | PG 21                               |
| Suitable for ModuPlug®       | Yes                              | 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               |

## HDC 40D TSB0 1PG21G

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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             | Potassium perfluorobutane sulfonate 29420-49-3  |
| SCIP                   | e98b2b24-ba23-41bf-8d19-Odda3647412f  |
| Chemical resistance    | de.myview.objectmodel.impl.BlockImpl@1c8c6d1e de.myview.objectmodel.impl.BlockImpl@26a78bd1<br>de.myview.objectmodel.impl.BlockImpl@36d1002a de.myview.objectmodel.impl.BlockImpl@78c5d357<br>de.myview.objectmodel.impl.BlockImpl@75eb5cc de.myview.objectmodel.impl.BlockImpl@1d3d5ff5<br>de.myview.objectmodel.impl.BlockImpl@2353dc28 de.myview.objectmodel.impl.BlockImpl@75dafc7e<br>de.myview.objectmodel.impl.BlockImpl@758d7dc de.myview.objectmodel.impl.BlockImpl@706de235<br>de.myview.objectmodel.impl.BlockImpl@4de2d28c de.myview.objectmodel.impl.BlockImpl@6f79fe42<br>de.myview.objectmodel.impl.BlockImpl@2e5e2246 |

## 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. (cULRus) | E92202  |

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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

[1657420000 HDC\\_40D\\_TSBO\\_1PG21G\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

### HDC 40D TSBO 1PG21G

**Weidmüller Interface GmbH & Co. KG**

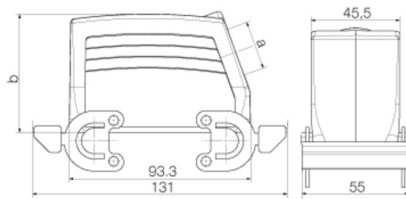
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## Drawings



## HDC 40D TSB0 1PG21G

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## Accessories

## Bulkhead housing



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## General ordering data

| Type       | HDC 16B ADBO               | Version  |
|------------|----------------------------|--|
| Order No.  | <a href="#">1209200000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on upper side, |
| GTIN (EAN) | 4008190871130              | Standard, with cover   |
| Qty.       | 1 pc(s).                   |  |

## Base housing



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

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## General ordering data

| Type       | HDC 16B SDBO 2M25G         | Version  |
|------------|----------------------------|--|
| Order No.  | <a href="#">1788260000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, |
| GTIN (EAN) | 4032248205790              | with cover, Size of cable entries: M 25  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 16B SDBO 2PG21G        | Version  |
| Order No.  | <a href="#">1657640000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, |
| GTIN (EAN) | 4008190410698              | with cover, Size of cable entries: PG 21   |
| Qty.       | 1 pc(s).                   |  |

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## Accessories

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 16B SBO 2M32G          | Version  |
| Order No.  | <a href="#">2454650000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 32             |
| GTIN (EAN) | 4050118472219              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 16B SDBO 1M25G         | Version  |
| Order No.  | <a href="#">1900080000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248520756              |  |
| Qty.       | 1 pc(s).                   |  |

## Cover



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## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 16B DMDQ 4BO           | Version  |
| Order No.  | <a href="#">1665620000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on upper side, Standard |
| GTIN (EAN) | 4008190422646              |  |
| Qty.       | 1 pc(s).                   |  |