

**HDC 16B SBU 2PG21G N****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: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21 |
| Order No.  | <a href="#">2560950000</a>                                                                                                                                      |
| Type       | HDC 16B SBU 2PG21G N                                                                                                                                            |
| GTIN (EAN) | 4050118676921                                                                                                                                                   |
| Qty.       | 1 pc(s).                                                                                                                                                        |

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

|                             |         |                            |            |
|-----------------------------|---------|----------------------------|------------|
| Height                      | 64 mm   | Height (inches)            | 2.52 inch  |
| Width                       | 56.5 mm | Width (inches)             | 2.224 inch |
| Mounting dimension - height | 45 mm   | Mounting dimension - width | 105 mm     |
| Net weight                  | 361 g   |                            |            |

**Temperatures**

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

**Dimensions**

|                      |           |                      |         |
|----------------------|-----------|----------------------|---------|
| Cable entry          | w. thread | Height of base B1    | 5 mm    |
| Height of housing B  | 64 mm     | Hole pitch length A2 | 105 mm  |
| Total length housing | 93.3 mm   | Width base C1        | 56.5 mm |
| Width housing C      | 43 mm     |                      |         |

**General data**

|                             |                                        |                       |                             |
|-----------------------------|----------------------------------------|-----------------------|-----------------------------|
| EMC housings                | No                                     | Housing main material | diecast aluminium           |
| Material of locking element | Stainless steel, rust-proof, Polyamide | 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                       | 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 | 2            |
| Sealing                      | NBR                              | Size                           | 6            |
| Size of cable entries        | PG 21                            | 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    |
| 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           |

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## Technical data

|                     |                         |
|---------------------|-------------------------|
| Chemical resistance | Resistant               |
| 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@4d83567e de.myview.objectmodel.impl.BlockImpl@446e59c3<br>de.myview.objectmodel.impl.BlockImpl@32a7c681 de.myview.objectmodel.impl.BlockImpl@61c7eb5e<br>de.myview.objectmodel.impl.BlockImpl@362071be de.myview.objectmodel.impl.BlockImpl@b686f8<br>de.myview.objectmodel.impl.BlockImpl@c29cba1 de.myview.objectmodel.impl.BlockImpl@52ea5c61<br>de.myview.objectmodel.impl.BlockImpl@67f26a03 de.myview.objectmodel.impl.BlockImpl@5347a143<br>de.myview.objectmodel.impl.BlockImpl@11f11c49 de.myview.objectmodel.impl.BlockImpl@11785342<br>de.myview.objectmodel.impl.BlockImpl@652e811c |

## Approvals

Approvals



|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <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                                                                                                                                                                      |

## 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>                                                                                   |

Creation date May 11, 2025 9:32:07 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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## Accessories

## Hood, Cable Entry sideways



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 TSBU 1M25G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1788180000</a> | HDC enclosures, Size: 6, 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) | 4032248205714              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 40D TSBU 1M25G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787010000</a> | HDC enclosures, Size: 6, 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) | 4032248204250              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 40D TSBU 1M40G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1904800000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 40      |
| GTIN (EAN) | 4032248521852              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 40D TSBU 1M32G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787000000</a> | HDC enclosures, Size: 6, 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) | 4032248204243              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 40D TSBU 1PG29G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1656540000</a> | HDC enclosures, Size: 6, 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) | 4008190409555              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 16B TSBU 1PG21G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1656480000</a> | HDC enclosures, Size: 6, 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) | 4008190409494              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 40D TSBU 1PG21G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1656520000</a> | HDC enclosures, Size: 6, 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) | 4008190409531              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 16B TSBU 1M40G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1809620000</a> | HDC enclosures, Size: 6, 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  |
| GTIN (EAN) | 4032248284979              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |

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## Accessories

## Hood, Cable Entry at top



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## General ordering data

|            |                            |                                                                                                                                                                                        |
|------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 40D TOBU 1M32G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787060000</a> | HDC enclosures, Size: 6, 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) | 4032248204304              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 40D TOBU 1PG29G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1656650000</a> | HDC enclosures, Size: 6, 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) | 4008190409661              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 16B TOBU 1PG21G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1656590000</a> | HDC enclosures, Size: 6, 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) | 4008190409609              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 40D TOBU 2M25          | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1208380000</a> | HDC enclosures, Size: 6, 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 25 |
| GTIN (EAN) | 4032248100248              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 40D TOBU 1PG21G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1656630000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21      |
| GTIN (EAN) | 4008190409647              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 40D TOBU 1M25G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787070000</a> | HDC enclosures, Size: 6, 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) | 4032248204410              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 16B TOBU 1M25G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1788210000</a> | HDC enclosures, Size: 6, 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) | 4032248205745              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |

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|            |                            |                                                                                                                                                      |
|------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 16B DODQ 4B0           | Version                                                                                                                                              |
| Order No.  | <a href="#">1665260000</a> | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4008190421960              |                                                                                                                                                      |
| Qty.       | 1 pc(s).                   |                                                                                                                                                      |