

**HDC 24B SLU 2PG21G****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: 8, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21 |
| Order No.  | <a href="#">1662720000</a>                                                                                                                                   |
| Type       | HDC 24B SLU 2PG21G                                                                                                                                           |
| GTIN (EAN) | 4008190419240                                                                                                                                                |
| Qty.       | 1 pc(s).                                                                                                                                                     |

## HDC 24B SLU 2PG21G

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## Technical data

## Dimensions and weights

|                             |         |                            |            |
|-----------------------------|---------|----------------------------|------------|
| Height                      | 64 mm   | Height (inches)            | 2.52 inch  |
| Width                       | 76.8 mm | Width (inches)             | 3.024 inch |
| Mounting dimension - height | 45 mm   | Mounting dimension - width | 132 mm     |
| Net weight                  | 402 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 | 132 mm  |
| Total length housing | 120 mm    | Width base C1        | 57.5 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                           | 8                             | Cable entry                    | w. thread    |
| Clamp version                | End-locking clamp             | Colour (RAL)                   | RAL 7035     |
| Design                       | Standard                      | Design of housing              | Base housing |
| Design of locking system     | End-locking clamp, lower side | Internal thread                | PG 21        |
| Number of cable entry on top | 0                             | Number of cable entry sideways | 2            |
| Sealing                      | NBR                           | Size                           | 8            |
| 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             | Potassium perfluorobutane sulfonate 29420-49-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SCIP                   | e98b2b24-ba23-41bf-8d19-0dda3647412f                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Chemical resistance    | de.myview.objectmodel.impl.BlockImpl@23c9b596 de.myview.objectmodel.impl.BlockImpl@53212fad<br>de.myview.objectmodel.impl.BlockImpl@73be283d de.myview.objectmodel.impl.BlockImpl@5b787288<br>de.myview.objectmodel.impl.BlockImpl@35f30974 de.myview.objectmodel.impl.BlockImpl@6f751420<br>de.myview.objectmodel.impl.BlockImpl@6d083633 de.myview.objectmodel.impl.BlockImpl@75fce528<br>de.myview.objectmodel.impl.BlockImpl@58e9fa4a de.myview.objectmodel.impl.BlockImpl@1f7a2163<br>de.myview.objectmodel.impl.BlockImpl@33ef2511 de.myview.objectmodel.impl.BlockImpl@21a843e1<br>de.myview.objectmodel.impl.BlockImpl@3604d634 |

**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                                                                                                                                                                                                                                                                                                                                                  |

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[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

[1662720000 HDC\\_24B\\_SLU\\_2PG21G\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

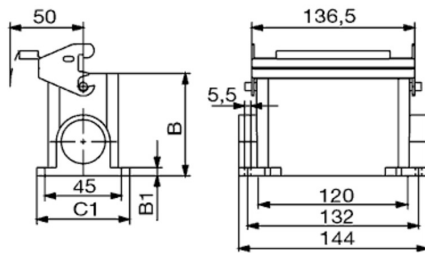
[FL FIELDWIRING EN](#)

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## Drawings



## HDC 24B SLU 2PG21G

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## Accessories

## Hood, Cable Entry at top



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## General ordering data

|            |                            |                                                                                                                                                                                    |
|------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 64D TOLU 1M32G         | Version                                                                                                                                                                            |
| Order No.  | <a href="#">1786860000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 32      |
| GTIN (EAN) | 4032248204106              |                                                                                                                                                                                    |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                    |
| Type       | HDC 24B TOLU 1PG21G        | Version                                                                                                                                                                            |
| Order No.  | <a href="#">1662540000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190419066              |                                                                                                                                                                                    |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                    |
| Type       | HDC 64D TOLU 1M25G         | Version                                                                                                                                                                            |
| Order No.  | <a href="#">1786870000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 25      |
| GTIN (EAN) | 4032248204113              |                                                                                                                                                                                    |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                    |
| Type       | HDC 24B TOLU 1M32G         | Version                                                                                                                                                                            |
| Order No.  | <a href="#">1787850000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32  |
| GTIN (EAN) | 4032248205295              |                                                                                                                                                                                    |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                    |
| Type       | HDC 64D TOLU 1PG21G        | Version                                                                                                                                                                            |
| Order No.  | <a href="#">1662610000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 21     |
| GTIN (EAN) | 4008190419134              |                                                                                                                                                                                    |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                    |
| Type       | HDC 24B TOLU 1M25G         | Version                                                                                                                                                                            |
| Order No.  | <a href="#">1787860000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25  |
| GTIN (EAN) | 4032248205301              |                                                                                                                                                                                    |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                    |
| Type       | HDC 24B TOLU 1PG29G        | Version                                                                                                                                                                            |
| Order No.  | <a href="#">1662550000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190419073              |                                                                                                                                                                                    |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                    |
| Type       | HDC 64D TOLU 1PG29G        | Version                                                                                                                                                                            |
| Order No.  | <a href="#">1662630000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 29     |
| GTIN (EAN) | 4008190419158              |                                                                                                                                                                                    |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                    |

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## Accessories

|            |                            |                                                                                                                                                                               |
|------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 64D TOLU 1M40G         | Version                                                                                                                                                                       |
| Order No.  | <a href="#">1983470000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 40 |
| GTIN (EAN) | 4032248687916              |                                                                                                                                                                               |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                               |

## Hood, Cable Entry sideways



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## General ordering data

|            |                            |                                                                                                                                                                                     |
|------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 64D TSLU 1PG29G        | Version                                                                                                                                                                             |
| Order No.  | <a href="#">1662490000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 29     |
| GTIN (EAN) | 4008190419011              |                                                                                                                                                                                     |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                     |
| Type       | HDC 24B TSLU 1PG29G        | Version                                                                                                                                                                             |
| Order No.  | <a href="#">1662410000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190418939              |                                                                                                                                                                                     |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                     |
| Type       | HDC 64D TSLU 1M32G         | Version                                                                                                                                                                             |
| Order No.  | <a href="#">1786810000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 32      |
| GTIN (EAN) | 4032248204052              |                                                                                                                                                                                     |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                     |
| Type       | HDC 24B TSLU 1M25G         | Version                                                                                                                                                                             |
| Order No.  | <a href="#">1787800000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25  |
| GTIN (EAN) | 4032248205240              |                                                                                                                                                                                     |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                     |
| Type       | HDC 24B TSLU 1PG21G        | Version                                                                                                                                                                             |
| Order No.  | <a href="#">1662390000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190418915              |                                                                                                                                                                                     |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                     |
| Type       | HDC 24B TSLU 1M32G         | Version                                                                                                                                                                             |
| Order No.  | <a href="#">1787790000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32  |
| GTIN (EAN) | 4032248205233              |                                                                                                                                                                                     |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                     |
| Type       | HDC 64D TSLU 1M40G         | Version                                                                                                                                                                             |
| Order No.  | <a href="#">1804610000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 40      |
| GTIN (EAN) | 4032248267538              |                                                                                                                                                                                     |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                     |

Creation date May 11, 2025 6:56:35 PM CEST

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

## HDC 24B SLU 2PG21G

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## Accessories

|            |                            |                                                                                                                                  |
|------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 64D TSLU 1PG21G        | Version                                                                                                                          |
| Order No.  | <a href="#">1662470000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190418991              | lower side, high, Size of cable entries: PG 21                                                                                   |
| Qty.       | 1 pc(s).                   |                                                                                                                                  |

## XXL plug housing, cable entry sideways



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## General ordering data

|            |                            |                                                                                                                                  |
|------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 64D TSLU 1M50G         | Version                                                                                                                          |
| Order No.  | <a href="#">1111150000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248100118              | lower side, Standard, Size of cable entries: M 50                                                                                |
| Qty.       | 1 pc(s).                   |                                                                                                                                  |



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****XXL plug housing, cable entry on top**

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**General ordering data**

|            |                            |                                                                                                                                 |
|------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 64D TOLU 1M50G         | Version                                                                                                                         |
| Order No.  | <a href="#">1111170000</a> | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248100125              | lower side, Standard, Size of cable entries: M 50                                                                               |
| Qty.       | 1 pc(s).                   |                                                                                                                                 |