

**HDC 24D SBU 1PG29G****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), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29 |
| Order No.  | <a href="#">1654470000</a>                                                                                                                                  |
| Type       | HDC 24D SBU 1PG29G                                                                                                                                          |
| GTIN (EAN) | 4008190407292                                                                                                                                               |
| Qty.       | 1 pc(s).                                                                                                                                                    |

## HDC 24D SBU 1PG29G

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## Technical data

## Dimensions and weights

|                             |          |                            |            |
|-----------------------------|----------|----------------------------|------------|
| Depth                       | 115.7 mm | Depth (inches)             | 4.555 inch |
| Height                      | 74 mm    | Height (inches)            | 2.913 inch |
| Width                       | 55.5 mm  | Width (inches)             | 2.185 inch |
| Mounting dimension - height | 45 mm    | Mounting dimension - width | 82 mm      |
| Net weight                  | 308.88 g |                            |            |

## Temperatures

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

## Dimensions

|                      |           |                      |         |
|----------------------|-----------|----------------------|---------|
| Cable entry          | w. thread | Height of base B1    | 5 mm    |
| Height of housing B  | 74 mm     | Hole pitch length A2 | 82 mm   |
| Total length housing | 73 mm     | Width base C1        | 55.5 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                           | 4                                | Cable entry                    | w. thread    |
| Clamp version                | Side-locking clamp               | Colour (RAL)                   | RAL 7035     |
| Design                       | high                             | Design of housing              | Base housing |
| Design of locking system     | Side-locking clamp on lower side | Internal thread                | PG 29        |
| Number of cable entry on top | 0                                | Number of cable entry sideways | 1            |
| Sealing                      | NBR                              | Size                           | 4            |
| Size of cable entries        | PG 29                            | Suitable for ModuPlug®         | Yes          |
| 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               |

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|                     |                         |
|---------------------|-------------------------|
| Substance           | Ethyl alcohol           |
| 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-Odda3647412f                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Chemical resistance    | de.myview.objectmodel.impl.BlockImpl@77e3e353 de.myview.objectmodel.impl.BlockImpl@7a7dbd3e de.myview.objectmodel.impl.BlockImpl@2fbbb250 de.myview.objectmodel.impl.BlockImpl@26d944b3 de.myview.objectmodel.impl.BlockImpl@4ec8c240 de.myview.objectmodel.impl.BlockImpl@59cb02ea de.myview.objectmodel.impl.BlockImpl@2b1012b1 de.myview.objectmodel.impl.BlockImpl@470027bc de.myview.objectmodel.impl.BlockImpl@4f5237de de.myview.objectmodel.impl.BlockImpl@4e8fa08c de.myview.objectmodel.impl.BlockImpl@6521a676 de.myview.objectmodel.impl.BlockImpl@235a40a9 de.myview.objectmodel.impl.BlockImpl@7de87fdb |

## 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 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

[1654470000 HDC\\_24D\\_SBU\\_1PG29G\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

## HDC 24D SBU 1PG29G

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## Accessories

## Hood, Cable Entry at top



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Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

## General ordering data

|            |                            |                                                                                                                                                                                        |
|------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 10B TOBU 1M20G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787600000</a> | 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: M 20   |
| GTIN (EAN) | 4032248204946              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 24D TOBU 1M25G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787300000</a> | HDC enclosures, Size: 4, 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) | 4032248204649              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 10B TOBU 1PG16G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1654220000</a> | 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 16  |
| GTIN (EAN) | 4008190407049              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 24D TOBU 1PG29G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1654320000</a> | HDC enclosures, Size: 4, 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) | 4008190407148              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 10B TOBU 1M25G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787590000</a> | 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: M 25   |
| GTIN (EAN) | 4032248204939              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 10B TOBU 1PG21G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1654240000</a> | 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  |
| GTIN (EAN) | 4008190407063              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 24D TOBU 1M32G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787290000</a> | HDC enclosures, Size: 4, 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) | 4032248204632              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 24D TOBU 2M20G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1336600000</a> | HDC enclosures, Size: 4, 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 20 |
| GTIN (EAN) | 4050118175257              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |

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## Accessories

## Hood, Cable Entry sideways



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## General ordering data

|            |                            |                                                                                                                                                                                        |
|------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 10B TSBU 1PG21G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1654090000</a> | HDC enclosures, Size: 4, 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) | 4008190406912              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 24D TSBU 1M25G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787240000</a> | HDC enclosures, Size: 4, 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) | 4032248204588              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 24D TSBU 1PG29G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1654170000</a> | HDC enclosures, Size: 4, 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) | 4008190406998              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 10B TSBU 1M25G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787550000</a> | HDC enclosures, Size: 4, 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) | 4032248204892              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 24D TSBU 1M32G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787230000</a> | HDC enclosures, Size: 4, 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) | 4032248204571              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 10B TSBU 1PG16G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1654070000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16 |
| GTIN (EAN) | 4008190406899              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 10B TSBU 1M20G         | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1787560000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20  |
| GTIN (EAN) | 4032248204908              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |
| Type       | HDC 24D TSBU 1PG21G        | Version                                                                                                                                                                                |
| Order No.  | <a href="#">1654150000</a> | HDC enclosures, Size: 4, 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) | 4008190406974              |                                                                                                                                                                                        |
| Qty.       | 1 pc(s).                   |                                                                                                                                                                                        |

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

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|            |                            |                                                                                                                                                      |
|------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 10B DODQ 4B0           | Version                                                                                                                                              |
| Order No.  | <a href="#">1665230000</a> | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4008190421939              |                                                                                                                                                      |
| Qty.       | 1 pc(s).                   |                                                                                                                                                      |