

## HDC 10B SBU 2PG16G

**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.

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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

|            |   |
|------------|---|
| Version    | HDC enclosures, Installation size: 4, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16 |
| Order No.  | <a href="#">1654380000</a>  |
| Type       | HDC 10B SBU 2PG16G  |
| GTIN (EAN) | 4008190407209   |
| Qty.       | 1 items   |

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**Technical data**

**Approvals**

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate No. (cURus) | E92202                     |

**Dimensions and weights**

|                             |          |                            |             |
|-----------------------------|----------|----------------------------|-------------|
| Depth                       | 115.7 mm | Depth (inches)             | 4.5551 inch |
| Height                      | 57 mm    | Height (inches)            | 2.2441 inch |
| Width                       | 53.5 mm  | Width (inches)             | 2.1063 inch |
| Mounting dimension - height | 43 mm    | Mounting dimension - width | 82 mm       |
| Net weight                  | 283 g    |                            |             |

**Temperatures**

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

**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 | Substance           | Acetone                 |
|                     | Chemical resistance | Conditionally resistant |
|                     | Substance           | Drilling oil            |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Diesel                  |
|                     | Chemical resistance | Resistant               |
|                     | 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            |                         |

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## Technical data

### Dimensions

|                      |       |                     |           |
|----------------------|-------|---------------------|-----------|
| Hole pitch length A2 | 82 mm | Cable entry         | w. thread |
| Width housing C      | 43 mm | Width base C1       | 53.5 mm   |
| Total length housing | 73 mm | Height of housing B | 57 mm     |
| Height of base B1    | 5 mm  |                     |           |

### General data

|                |                |                   |                            |
|----------------|----------------|-------------------|----------------------------|
| Surface finish | Powder coating | Protection degree | IP65, in plugged condition |
|----------------|----------------|-------------------|----------------------------|

### Version

|                                |                                  |                              |                    |
|--------------------------------|----------------------------------|------------------------------|--------------------|
| Size of cable entries          | PG 16                            | Top part/bottom part/lid     | lower part         |
| Cover                          | without cover                    | Number of cable entry on top | 0                  |
| Number of cable entry sideways | 2                                | Design of housing            | Base housing       |
| Design of locking system       | Side-locking clamp on lower side | Design                       | Standard           |
| Installation size              | 4                                | Cable entry                  | w. thread          |
| Type                           | Base housing                     | Clamp version                | Side-locking clamp |
| Sealing                        | NBR                              | Internal thread              | PG 16              |
| Colour (RAL)                   | RAL 7035                         | BG                           | 4                  |
| Suitable for ModuPlug®         | No                               |                              |                    |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | EC000437    | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

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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 24D TOBU 2M20G         | Version   |
| Order No.  | <a href="#">1336600000</a> | HDC enclosures, Installation size: 4, Protection degree: IP65, in   |
| GTIN (EAN) | 4050118175257              | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty.       | 1 ST                       | clamp on lower side, high, Size of cable entries: M 20              |
| Type       | HDC 10B TOBU 1PG16G        | Version   |
| Order No.  | <a href="#">1654220000</a> | HDC enclosures, Installation size: 4, Protection degree: IP65, in   |
| GTIN (EAN) | 4008190407049              | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty.       | 1 ST                       | clamp on lower side, Standard, Size of cable entries: PG 16         |
| Type       | HDC 10B TOBU 1PG21G        | Version   |
| Order No.  | <a href="#">1654240000</a> | HDC enclosures, Installation size: 4, Protection degree: IP65, in   |
| GTIN (EAN) | 4008190407063              | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty.       | 1 ST                       | clamp on lower side, Standard, Size of cable entries: PG 21         |
| Type       | HDC 24D TOBU 1PG29G        | Version   |
| Order No.  | <a href="#">1654320000</a> | HDC enclosures, Installation size: 4, Protection degree: IP65, in   |
| GTIN (EAN) | 4008190407148              | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty.       | 1 ST                       | clamp on lower side, high, Size of cable entries: PG 29             |
| Type       | HDC 24D TOBU 1M32G         | Version   |
| Order No.  | <a href="#">1787290000</a> | HDC enclosures, Installation size: 4, Protection degree: IP65, in   |
| GTIN (EAN) | 4032248204632              | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty.       | 1 ST                       | clamp on lower side, high, Size of cable entries: M 32              |
| Type       | HDC 24D TOBU 1M25G         | Version   |
| Order No.  | <a href="#">1787300000</a> | HDC enclosures, Installation size: 4, Protection degree: IP65, in   |
| GTIN (EAN) | 4032248204649              | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty.       | 1 ST                       | clamp on lower side, high, Size of cable entries: M 25              |
| Type       | HDC 10B TOBU 1M25G         | Version   |
| Order No.  | <a href="#">1787590000</a> | HDC enclosures, Installation size: 4, Protection degree: IP65, in   |
| GTIN (EAN) | 4032248204939              | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty.       | 1 ST                       | clamp on lower side, Standard, Size of cable entries: M 25          |
| Type       | HDC 10B TOBU 1M20G         | Version   |
| Order No.  | <a href="#">1787600000</a> | HDC enclosures, Installation size: 4, Protection degree: IP65, in   |
| GTIN (EAN) | 4032248204946              | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty.       | 1 ST                       | clamp on lower side, Standard, Size of cable entries: M 20          |

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## Accessories

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## Hood, Cable Entry sideways



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## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 10B TSBU 1PG16G        | Version  |
| Order No.  | <a href="#">1654070000</a> | HDC enclosures, Installation 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 ST                       |  |
| Type       | HDC 10B TSBU 1PG21G        | Version  |
| Order No.  | <a href="#">1654090000</a> | HDC enclosures, Installation 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 ST                       |  |
| Type       | HDC 24D TSBU 1PG21G        | Version  |
| Order No.  | <a href="#">1654150000</a> | HDC enclosures, Installation 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 ST                       |  |
| Type       | HDC 24D TSBU 1PG29G        | Version  |
| Order No.  | <a href="#">1654170000</a> | HDC enclosures, Installation 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 ST                       |  |
| Type       | HDC 24D TSBU 1M32G         | Version  |
| Order No.  | <a href="#">1787230000</a> | HDC enclosures, Installation 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 ST                       |  |
| Type       | HDC 24D TSBU 1M25G         | Version  |
| Order No.  | <a href="#">1787240000</a> | HDC enclosures, Installation 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 ST                       |  |
| Type       | HDC 10B TSBU 1M25G         | Version  |
| Order No.  | <a href="#">1787550000</a> | HDC enclosures, Installation 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 ST                       |  |
| Type       | HDC 10B TSBU 1M20G         | Version  |
| Order No.  | <a href="#">1787560000</a> | HDC enclosures, Installation 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 ST                       |  |

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## Accessories

### Cover



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### General ordering data

|            |                            |         |   |
|------------|----------------------------|---------|---|
| Type       | HDC 10B DODQ 4B0           | Version |   |
| Order No.  | <a href="#">1665230000</a> |         | HDC enclosures, Installation size: 4, Protection degree: IP65, in |
| GTIN (EAN) | 4008190421939              |         | plugged condition, Cover for lower part of housing, Side-locking  |
| Qty.       | 1 ST                       |         | clamp on lower side, Standard, Size of cable entries: none        |

### IP68 version



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications.

The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.

Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

### General ordering data

|            |                            |         |  |
|------------|----------------------------|---------|--|
| Type       | VG 16-MS68                 | Version |  |
| Order No.  | <a href="#">1569100000</a> |         | VG MS (standard brass cable gland), Cable glands, straight, PG 16,     |
| GTIN (EAN) | 4008190051969              |         | 6.5 mm, OD min. 10 - OD max. 14 mm, IP54, IP66, IP67, IP68 - 5 bar     |
| Qty.       | 25 ST                      |         | (30 min.), IP69K, Brass, nickel-plated                                 |
| Type       | VG 16-K68                  | Version |  |
| Order No.  | <a href="#">1569010000</a> |         | VG K (standard plastic cable gland), Cable glands, straight, PG 16, 10 |
| GTIN (EAN) | 4008190004460              |         | mm, OD min. 10 - OD max. 14 mm, IP54, IP66, IP67, IP68 - 5 bar (30     |
| Qty.       | 50 ST                      |         | min.), Polyamide 6   |