

**HDC 04A DODL 2B0****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: 1, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| Order No.  | <a href="#">1665740000</a>   |
| Type       | HDC 04A DODL 2B0   |
| GTIN (EAN) | 4008190422769  |
| Qty.       | 1 pc(s).   |

## HDC 04A DODL 2B0

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 26.8 mm | Depth (inches)  | 1.055 inch |
| Height     | 17.5 mm | Height (inches) | 0.689 inch |
| Width      | 36.5 mm | Width (inches)  | 1.437 inch |
| Net weight | 12.32 g |                 |            |

## Temperatures

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

## Dimensions

|                      |           |                     |         |
|----------------------|-----------|---------------------|---------|
| Cable entry          | with male | Height of housing B | 17.5 mm |
| Total length housing | 26.8 mm   | Width housing C     | 26.8 mm |

## General data

|                   |                             |                       |                   |
|-------------------|-----------------------------|-----------------------|-------------------|
| EMC housings      | No                          | Housing main material | diecast aluminium |
| Protection degree | IP65 (in plugged condition) | Surface finish        | Powder coating    |
| Tightening torque | 0.5 Nm                      |                       |                   |

## Version

|                          |                                  |                   |                                 |
|--------------------------|----------------------------------|-------------------|---------------------------------|
| BG                       | 1                                | Cable entry       | with male                       |
| Clamp version            | Side-locking clamp               | Colour (RAL)      | RAL 7035                        |
| Design                   | Standard                         | Design of housing | Cover for lower part of housing |
| Design of locking system | Side-locking clamp on lower side | Size              | 1                               |
| Suitable for ModuPlug®   | No                               | Tightening torque | 0.5 Nm                          |
| Top part/bottom part/lid | Cover                            | Type              | Cover                           |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | EC000437    | ECLASS 9.0  | 27-44-02-02 |
| ECLASS 9.1  | 27-44-02-02 | ECLASS 10.0 | 27-44-02-02 |
| ECLASS 11.0 | 27-44-02-02 | ECLASS 12.0 | 27-44-02-02 |
| ECLASS 13.0 | 27-44-02-02 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

|                     |                         |
|---------------------|-------------------------|
| Substance           | Acetone                 |
| Chemical resistance | Conditionally resistant |
| Substance           | Drilling oil            |
| Chemical resistance | Resistant               |
| Substance           | Diesel                  |
| Chemical resistance | Resistant               |
| Substance           | Ethyl alcohol           |
| Chemical resistance | Resistant               |
| Substance           | Transmission oil        |

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## Technical data

|                     |                         |
|---------------------|-------------------------|
| 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@45ef84d4 de.myview.objectmodel.impl.BlockImpl@48d1eb43<br>de.myview.objectmodel.impl.BlockImpl@10c5a486 de.myview.objectmodel.impl.BlockImpl@4b70f93d<br>de.myview.objectmodel.impl.BlockImpl@72001da3 de.myview.objectmodel.impl.BlockImpl@35cc7b53<br>de.myview.objectmodel.impl.BlockImpl@81018f8 de.myview.objectmodel.impl.BlockImpl@4465a1d6<br>de.myview.objectmodel.impl.BlockImpl@367a41fc de.myview.objectmodel.impl.BlockImpl@60baa283<br>de.myview.objectmodel.impl.BlockImpl@6865a1b4 de.myview.objectmodel.impl.BlockImpl@167d67f<br>de.myview.objectmodel.impl.BlockImpl@6576020e |

## 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  |

## HDC 04A DODL 2BO

**Weidmüller Interface GmbH & Co. KG**

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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

[1665740000 HDC\\_04A\\_DODL\\_2BO\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

### HDC 04A DODL 2B0

**Weidmüller Interface GmbH & Co. KG**

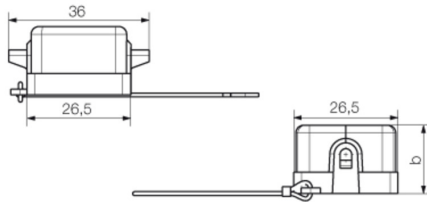
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## Drawings



## HDC 04A DODL 2B0

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## Accessories

## Base enclosure



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## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 04A SLU 1PG11G         | Version  |
| Order No.  | <a href="#">1652490000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, |
| GTIN (EAN) | 4008190402563              | Size of cable entries: PG 11   |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 04A SLU 1M20G          | Version  |
| Order No.  | <a href="#">1788830000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, |
| GTIN (EAN) | 4032248206377              | Size of cable entries: M 20  |
| Qty.       | 1 pc(s).                   |  |

## Coupling hood



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## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 04A KOLU 1M20G         | Version  |
| Order No.  | <a href="#">1788840000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, |
| GTIN (EAN) | 4032248206384              | Standard, Size of cable entries: M 20  |
| Qty.       | 1 pc(s).                   |  |

## HDC 04A DODL 2B0

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## Accessories

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 04A KOLU 1PG11G        | Version   |
| Order No.  | <a href="#">1652500000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 11 |
| GTIN (EAN) | 4008190402570              |   |
| Qty.       | 1 pc(s).                   |   |

## Screw mounting housing



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## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 04A ELU 1PG13S         | Version   |
| Order No.  | <a href="#">1900330000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Screw mounting housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 13.5 |
| GTIN (EAN) | 4032248592890              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 04A ELU 1M20G          | Version   |
| Order No.  | <a href="#">1900320000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Screw mounting housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20    |
| GTIN (EAN) | 4032248592883              |   |
| Qty.       | 1 pc(s).                   |   |

## HDC 04A DODL 2B0

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## Accessories

## Bulkhead enclosure



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## General ordering data

| Type       | HDC 04A ALU                | Version  |
|------------|----------------------------|--|
| Order No.  | <a href="#">1497600000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, |
| GTIN (EAN) | 4008190136406              | Standard   |
| Qty.       | 1 pc(s).                   |  |

## Angled bulkhead housing



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## General ordering data

| Type       | HDC 04A AWLU               | Version  |
|------------|----------------------------|--|
| Order No.  | <a href="#">1497700000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, |
| GTIN (EAN) | 4008190074937              | Standard   |
| Qty.       | 1 pc(s).                   |  |