

**HDC 04A DODL 1LB****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 upper part of housing, Side-locking clamp on lower side, Standard |
| Order No.  | <a href="#">1963690000</a>   |
| Type       | HDC 04A DODL 1LB   |
| GTIN (EAN) | 4032248645961  |
| Qty.       | 1 pc(s).   |

## HDC 04A DODL 1LB

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 25 mm   | Height (inches) | 0.984 inch |
| Width      | 36.5 mm | Width (inches)  | 1.437 inch |
| Net weight | 30 g    |                 |            |

## Temperatures

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

## Dimensions

|                      |           |                     |         |
|----------------------|-----------|---------------------|---------|
| Cable entry          | with male | Height of housing B | 18 mm   |
| Total length housing | 31 mm     | Width housing C     | 26.8 mm |

## General data

|                             |                             |                       |                             |
|-----------------------------|-----------------------------|-----------------------|-----------------------------|
| EMC housings                | No                          | Housing main material | diecast aluminium           |
| Material of locking element |                             | Protection degree     | IP65 (in plugged condition) |
| Surface finish              | Stainless steel, rust-proof | Tightening torque     | 0.5 Nm                      |
|                             | Powder coating              |                       |                             |

## Version

|                   |                                 |                          |                                  |
|-------------------|---------------------------------|--------------------------|----------------------------------|
| BG                | 1                               | Cable entry              | with male                        |
| Clamp version     | Side-locking clamp              | Colour (RAL)             | RAL 7035                         |
| Cover             | without cover                   | Design                   | Standard                         |
| Design of housing | Cover for upper 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                            |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | EC000437    | ETIM 9.0    | 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 |

|                     |                         |
|---------------------|-------------------------|
| 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               |

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|                     |                         |
|---------------------|-------------------------|
| 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

|                     |   |
|---------------------|---|
| REACH SVHC          | Lead 7439-92-1  |
| SCIP                | d447edfa-0214-4f34-b5ba-82eae491b46a  |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@492d8f29 de.myview.objectmodel.impl.BlockImpl@75b2d8cd<br>de.myview.objectmodel.impl.BlockImpl@3709d49d de.myview.objectmodel.impl.BlockImpl@4d550ce3<br>de.myview.objectmodel.impl.BlockImpl@682496a7 de.myview.objectmodel.impl.BlockImpl@bb35fde<br>de.myview.objectmodel.impl.BlockImpl@7267df09 de.myview.objectmodel.impl.BlockImpl@17b0e7b2<br>de.myview.objectmodel.impl.BlockImpl@5b6dda4d de.myview.objectmodel.impl.BlockImpl@4a313351<br>de.myview.objectmodel.impl.BlockImpl@6623289 de.myview.objectmodel.impl.BlockImpl@167fd880<br>de.myview.objectmodel.impl.BlockImpl@23f5d7b0 |

## Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Downloads

|                             |  |
|-----------------------------|--|
| Engineering Data            | <a href="#">CAD data – STEP</a>  |
| Product Change Notification | <a href="#">20220214 Technical change to HDC housings</a><br><a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a> |
| Catalogues                  | <a href="#">Catalogues in PDF-format</a>   |
| Brochures                   | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a>   |

### HDC 04A DODL 1LB

**Weidmüller Interface GmbH & Co. KG**

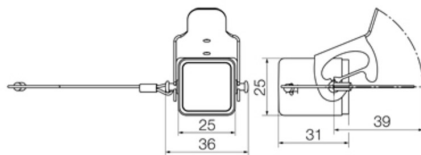
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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Plug enclosure, cable entry at top**

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**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 04A TOLU 1M16G         | Version   |
| Order No.  | <a href="#">1206090000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 16  |
| GTIN (EAN) | 4050118027587              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 04A TOLU 1M20G         | Version   |
| Order No.  | <a href="#">1788820000</a> | HDC enclosures, Size: 1, 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) | 4032248206360              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 04A TOLU 1PG11G        | Version   |
| Order No.  | <a href="#">1652470000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 11 |
| GTIN (EAN) | 4008190402549              |   |
| Qty.       | 1 pc(s).                   |   |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Plug enclosure, cable entry sideways**

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**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC 04A TWLU 1PG11G        | Version  |
| Order No.  | <a href="#">1652480000</a> | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 11 |
| GTIN (EAN) | 4008190402556              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC 04A TWLU 1M20G         | Version  |
| Order No.  | <a href="#">1788810000</a> | HDC enclosures, Size: 1, 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) | 4032248206353              |  |
| Qty.       | 1 pc(s).                   |  |