

**HDC 07A KOLU 1M20G****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, Installation size: 1, Protection degree: IP65, in plugged condition, Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20 |
| Order No.  | <a href="#">1788540000</a>   |
| Type       | HDC 07A KOLU 1M20G   |
| GTIN (EAN) | 4032248206070  |
| Qty.       | 1 items  |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 27 mm   | Depth (inches)  | 1.063 inch  |
| Height     | 78 mm   | Height (inches) | 3.0709 inch |
| Width      | 36.5 mm | Width (inches)  | 1.437 inch  |
| Net weight | 22 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 2f94735a-9fba-4903-842f-4fb9aa902310

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

## Dimensions

|                      |           |                     |       |
|----------------------|-----------|---------------------|-------|
| Cable entry          | w. thread | Width housing C     | 27 mm |
| Total length housing | 27 mm     | Height of housing B | 54 mm |

Creation date 22.12.2025 07:25:24 MEZ

Catalogue status / Drawings

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## Technical data

## General data

|                       |         |                             |                             |
|-----------------------|---------|-----------------------------|-----------------------------|
| Tightening torque     | 0.5 Nm  | UL 94 flammability rating   | V-0                         |
| Housing main material | Plastic | Protection degree           | IP65, in plugged condition  |
| EMC housings          | No      | Material of locking element | Stainless steel, rust-proof |

## Version

|                              |                    |                                |                                  |
|------------------------------|--------------------|--------------------------------|----------------------------------|
| Size of cable entries        | M 20               | Top part/bottom part/lid       | lower part                       |
| Cover                        | without cover      | Tightening torque              | 0.5 Nm                           |
| Number of cable entry on top | 1                  | Number of cable entry sideways | 0                                |
| Design of housing            | Coupling housing   | Design of locking system       | Side-locking clamp on lower side |
| Design                       | Standard           | Installation size              | 1                                |
| Cable entry                  | w. thread          | Type                           | coupling extension               |
| Clamp version                | Side-locking clamp | Sealing                        | no sealing                       |
| Internal thread              | M 20               | Colour (RAL)                   | RAL 1001                         |
| BG                           | 1                  | Suitable for ModuPlug®         | No                               |

## Classifications

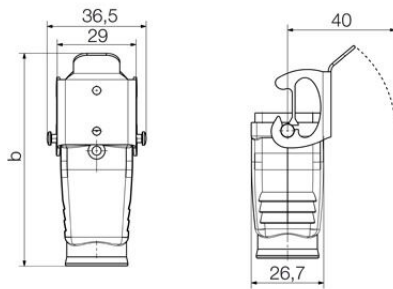
|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | EC000437    | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

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## Drawings



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## Accessories

## Cover



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## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 07A DODL 2BO           | Version   |
| Order No.  | <a href="#">1665760000</a> | HDC enclosures, Installation size: 1, Protection degree: IP65, in |
| GTIN (EAN) | 4008190422783              | plugged condition, Cover for lower part of housing, Side-locking  |
| Qty.       | 1 ST                       | clamp on lower side, Standard                                     |
| Type       | HDC 07A DMDL 2BO           | Version   |
| Order No.  | <a href="#">1665770000</a> | HDC enclosures, Installation size: 1, Protection degree: IP65, in |
| GTIN (EAN) | 4008190422790              | plugged condition, Cover for lower part of housing, Side-locking  |
| Qty.       | 1 ST                       | clamp on lower side, Standard                                     |