

**HDC 16A DMDL 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: 5, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, End-locking clamp, lower side, Standard |
| Order No.  | <a href="#">1665910000</a>                                                                                                                        |
| Type       | HDC 16A DMDL 2B0                                                                                                                                  |
| GTIN (EAN) | 4008190422943                                                                                                                                     |
| Qty.       | 1 pc(s).                                                                                                                                          |

## HDC 16A DMDL 2BO

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 89 mm      | Depth (inches)  | 3.504 inch |
| Height         | 19.5 mm    | Height (inches) | 0.768 inch |
| Net weight     | 46 g       | Width           | 29.5 mm    |
| Width (inches) | 1.161 inch |                 |            |

## Temperatures

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

## Environmental Product Compliance

| REACH SVHC          | Lead 7439-92-1      |                         |
|---------------------|---------------------|-------------------------|
| 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          | For bases | Height of housing B | 19.5 mm |
| Total length housing | 79 mm     | Width housing C     | 29.5 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              | Tightening torque     | 0.5 Nm                      |

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## Version

|                          |                               |                          |                                 |
|--------------------------|-------------------------------|--------------------------|---------------------------------|
| Cable entry              | For bases                     | Clamp version            | End-locking clamp               |
| Design                   | Standard                      | Design of housing        | Cover for upper part of housing |
| Design of locking system | End-locking clamp, lower side | Sealing                  | NBR                             |
| Size                     | 5                             | 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    |
| 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 |

## Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E92202  |

## Downloads

|                                             |                                                             |
|---------------------------------------------|-------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a>                  |
| Engineering Data                            | <a href="#">STEP</a>                                        |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                |
| Technical Documentation                     | <a href="#">1665910000 HDC 16A DMDL 2BO STP Blatt 1.pdf</a> |

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## Drawings

