

## HDC 16B DMDQ 4B0

**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: 6, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on upper side, Standard |
| Order No.  | <a href="#">1665620000</a>   |
| Type       | HDC 16B DMDQ 4B0   |
| GTIN (EAN) | 4008190422646  |
| Qty.       | 1 pc(s).   |

## HDC 16B DMDQ 4B0

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 93.3 mm    | Depth (inches)  | 3.673 inch |
| Height         | 18 mm      | Height (inches) | 0.709 inch |
| Net weight     | 73 g       | Width           | 59 mm      |
| Width (inches) | 2.323 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 hoods | Height of housing B | 18 mm |
| Total length housing | 93.3 mm   | Width housing C     | 43 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) |
|                             | Powder coating              | Tightening torque     | 1.2 Nm                      |

## HDC 16B DMDQ 4BO

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

### Version

|                          |                                  |                          |                                 |
|--------------------------|----------------------------------|--------------------------|---------------------------------|
| Cable entry              | For hoods                        | Clamp version            | Side-locking clamp              |
| Design                   | Standard                         | Design of housing        | Cover for upper part of housing |
| Design of locking system | Side-locking clamp on upper side | Sealing                  | NBR                             |
| Size                     | 6                                | Suitable for ModuPlug®   | Yes                             |
| Tightening torque        | 1.2 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

|                         |   |
|-------------------------|---|
| Brochure/Catalogue      | <a href="#">CAT 3 HDC 17/18 EN</a><br><a href="#">FL FIELDWIRING EN</a> |
| Engineering Data        | <a href="#">STEP</a>  |
| Engineering Data        | <a href="#">EPLAN, WSCAD</a>  |
| Technical Documentation | <a href="#">1665620000 HDC 16B DMDQ 4BO STP Blatt_1.pdf</a>             |

**HDC 16B DMDQ 4B0**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

