

**HDC 16B ABU N****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), Bulkhead housing, Side-locking clamp on lower side, Standard |
| Order No.  | <a href="#">2488590000</a>  |
| Type       | HDC 16B ABU N   |
| GTIN (EAN) | 4050118541526   |
| Qty.       | 1 pc(s).  |

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## Technical data

## Dimensions and weights

|                             |       |                            |            |
|-----------------------------|-------|----------------------------|------------|
| Height                      | 29 mm | Height (inches)            | 1.142 inch |
| Width                       | 57 mm | Width (inches)             | 2.244 inch |
| Mounting dimension - height | 32 mm | Mounting dimension - width | 103 mm     |
| Net weight                  | 122 g |                            |            |

## Temperatures

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

## Dimensions

|                     |       |
|---------------------|-------|
| Height of housing B | 29 mm |
|---------------------|-------|

## General data

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

## Version

|                        |                         |                          |                                  |
|------------------------|-------------------------|--------------------------|----------------------------------|
| BG                     | 6                       | Clamp version            | Side-locking clamp               |
| Colour (RAL)           | RAL 7035                | Design                   | Standard                         |
| Design of housing      | Bulkhead housing        | Design of locking system | Side-locking clamp on lower side |
| Sealing                | NBR                     | Size                     | 6                                |
| Suitable for ModuPlug® | Yes                     | Top part/bottom part/lid | lower part                       |
| Type                   | Bulkhead (feed-through) |                          |                                  |

## 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@7f87e994 de.myview.objectmodel.impl.BlockImpl@2e559ee5<br>de.myview.objectmodel.impl.BlockImpl@59f22920 de.myview.objectmodel.impl.BlockImpl@54c50ab9<br>de.myview.objectmodel.impl.BlockImpl@14ce92fc de.myview.objectmodel.impl.BlockImpl@16ee8436<br>de.myview.objectmodel.impl.BlockImpl@5e9d04e2 de.myview.objectmodel.impl.BlockImpl@22f15d4a<br>de.myview.objectmodel.impl.BlockImpl@42c8629a de.myview.objectmodel.impl.BlockImpl@20e581c1<br>de.myview.objectmodel.impl.BlockImpl@16e92b2b de.myview.objectmodel.impl.BlockImpl@3eda2fb1<br>de.myview.objectmodel.impl.BlockImpl@3f875642 |

## Important note

|                     |   |
|---------------------|---|
| Product information | When mounting the housings, make sure that the flat gasket is correctly seated. |
|---------------------|---|

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E92202     |

## 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> |
| Technical Documentation     | <a href="#">Customer drawing</a>   |
| Catalogues                  | <a href="#">Catalogues in PDF-format</a>   |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Spare clip**

In addition to heavy-duty connectors, RockStar® includes the appropriate accessories for effective, functional and safe system cabling; e.g. coding systems, shield clamps, cover plates and replacement seals

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC LL 10B N               | Version   |
| Order No.  | <a href="#">2535150000</a> | Heavy-duty connectors, Accessories, Locking lever |
| GTIN (EAN) | 4050118562057              |   |
| Qty.       | 10 pc(s).                  |   |

**Moulded gasket seals**

We offer a variety of accessories, including seals, to accompany the housings.  
Because of the excellent sealing, you can achieve the best seal possible with our housings.  
Extensive testing has confirmed it – RockStar® remains impermeable to water to a depth of 50 metres This allows you to use heavy-duty connectors in environments which previously required fixed-wire installation.

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC DG 16B                 | Version  |
| Order No.  | <a href="#">1044630000</a> | Accessories, Moulded gasket seal, Protection degree: Design of |
| GTIN (EAN) | 4032248777075              | housing: Clamp version: Design: Approvals :                    |
| Qty.       | 5 pc(s).                   |  |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Flange seals**

We offer a variety of accessories, including seals, to accompany the housings.

Because of the excellent sealing, you can achieve the best seal possible with our housings.

Extensive testing has confirmed it – RockStar® remains impermeable to water to a depth of 50 metres. This allows you to use heavy-duty connectors in environments which previously required fixed-wire installation.

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC FLDG 16B               | Version   |
| Order No.  | <a href="#">1044530000</a> | Accessories, flat gasket, Protection degree: Design of housing: Clamp |
| GTIN (EAN) | 4032248776979              | version: Design: Approvals :  |
| Qty.       | 5 pc(s).                   |   |