

**HDC 16B ABU EMC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

The new Weidmüller RockStar® IP65 EMV enclosures are ideally suited for use in the harshest environmental conditions and provide protection against electromagnetic interference. A heavy-duty connector consists of a connector insert and its protective housing. The new plastic straps are easy to lock and can be replaced at any time. All Weidmüller RockStar® enclosures are made of high quality die-cast aluminium. This makes them impact- and corrosion-resistant, yet compact and lightweight.

**General ordering data**

|            |   |
|------------|---|
| Version    | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Side-locking clamp replaceable |
| Order No.  | <a href="#">2542320000</a>  |
| Type       | HDC 16B ABU EMC   |
| GTIN (EAN) | 4050118648799   |
| Qty.       | 1 pc(s).  |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 113 mm  | Depth (inches)  | 4.449 inch |
| Height     | 30 mm   | Height (inches) | 1.181 inch |
| Width      | 45 mm   | Width (inches)  | 1.772 inch |
| Net weight | 128.6 g |                 |            |

## Temperatures

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

## General data

|                             |                                      |                           |                             |
|-----------------------------|--------------------------------------|---------------------------|-----------------------------|
| EMC housings                | Yes                                  | Housing main material     | diecast aluminium           |
| Material of locking element | PA 66/6, Stainless steel, rust-proof | Protection degree         | IP65 (in plugged condition) |
| Surface finish              | Powder coating                       | UL 94 flammability rating | V-0                         |

## Version

|                        |                         |                          |  |
|------------------------|-------------------------|--------------------------|--|
| BG                     | 6                       | Clamp version            | Side-locking clamp   |
| Colour (RAL)           | RAL 9011                | Cover                    | without cover  |
| Design of housing      |                         | Design of locking system | Side-locking clamp on lower side, Side-locking clamp replaceable |
|                        | Bulkhead housing        |                          |  |
| Sealing                | FPM                     | 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           | Hydraulic oil |
| Chemical resistance | Resistant     |
| Substance           | Petrol        |
| Chemical resistance | Resistant     |
| Substance           | UV            |
| Chemical resistance | Resistant     |
| Substance           | Ozone         |
| Chemical resistance | Resistant     |

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## Technical data

## Approvals

Approvals



UL File Number Search

UL Website

Certificate No. (cURus)

E92202

## Downloads

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)[20220214 Technische Änderung bei HDC-Gehäusen](#)

Catalogues

[Catalogues in PDF-format](#)

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# Drawings

