

**HDC 32A ABU****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: 7, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard |
| Order No.  | <a href="#">1665860000</a>                                                                                                            |
| Type       | HDC 32A ABU                                                                                                                           |
| GTIN (EAN) | 4008190871253                                                                                                                         |
| Qty.       | 1 pc(s).                                                                                                                              |

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## Technical data

## Dimensions and weights

|                             |         |                            |            |
|-----------------------------|---------|----------------------------|------------|
| Height                      | 30 mm   | Height (inches)            | 1.181 inch |
| Width                       | 60.5 mm | Width (inches)             | 2.382 inch |
| Mounting dimension - height | 42 mm   | Mounting dimension - width | 92 mm      |
| Net weight                  | 175 g   |                            |            |

## Temperatures

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

## Dimensions

|                      |         |                      |       |
|----------------------|---------|----------------------|-------|
| Height of base B1    | 7 mm    | Height of housing B  | 30 mm |
| Hole pitch length A2 | 92 mm   | Total length housing | 82 mm |
| Width base C1        | 60.5 mm | Width housing C      | 56 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     | 1.2 Nm                      |

## Version

|                          |                  |                          |                                  |
|--------------------------|------------------|--------------------------|----------------------------------|
| BG                       | 7                | 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                     | 7                                |
| Suitable for ModuPlug®   | No               | Tightening torque        | 1.2 Nm                           |
| 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 |
| ECLASS 14.0 | 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               |

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| 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                |

## Environmental Product Compliance

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliance Status               | Compliant with exemption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RoHS Exemption (if applicable/known) | 6bl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| REACH SVHC                           | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SCIP                                 | e98b2b24-ba23-41bf-8d19-Odda3647412f                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Chemical resistance                  | de.myview.objectmodel.impl.BlockImpl@6a683c38 de.myview.objectmodel.impl.BlockImpl@22bead96<br>de.myview.objectmodel.impl.BlockImpl@3a66cccd de.myview.objectmodel.impl.BlockImpl@190345f6<br>de.myview.objectmodel.impl.BlockImpl@32a13312 de.myview.objectmodel.impl.BlockImpl@6524facd<br>de.myview.objectmodel.impl.BlockImpl@69a85200 de.myview.objectmodel.impl.BlockImpl@6a879636<br>de.myview.objectmodel.impl.BlockImpl@518511d7 de.myview.objectmodel.impl.BlockImpl@13356bb8<br>de.myview.objectmodel.impl.BlockImpl@38a6138c de.myview.objectmodel.impl.BlockImpl@6e460488<br>de.myview.objectmodel.impl.BlockImpl@17b4bb3e |

## 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                                                                              |

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – 1665860000 HDC\\_32A\\_ABU\\_STP.dxf](#)

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1665860000 HDC\\_32A\\_ABU\\_STP\\_Blatt\\_\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

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