

## HDC 32A ABU

**Weidmüller Interfaces GmbH & Co. KG**

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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

## Environmental Product Compliance

REACH SVHC Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3  
 SCIP e98b2b24-ba23-41bf-8d19-0dda3647412f

| Chemical resistance | Substance         | Chemical resistance     |
|---------------------|-------------------|-------------------------|
|                     | Acetone           | Conditionally resistant |
|                     | Drilling oil      | Resistant               |
|                     | Diesel            | Resistant               |
|                     | Ethyl alcohol     | Resistant               |
|                     | Transmission oil  | Resistant               |
|                     | Hydraulic oil     | Resistant               |
|                     | Coolant           | Resistant               |
|                     | Petroleum benzine | Resistant               |
|                     | Sweat             | Resistant               |
|                     | Premium gasoline  | Conditionally resistant |
|                     | Water             | Resistant               |
|                     | UV                | Unstable                |
|                     | Ozone             | Unstable                |

## 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                      |

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## 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    | 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 |

## 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

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a>   |
| Engineering Data                            | <a href="#">CAD data – 1665860000_HDC_32A_ABU_STP.dxf</a><br><a href="#">CAD data – STEP</a>                               |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</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="#">1665860000_HDC_32A_ABU_STP_Blatt_1.pdf</a>   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |
| Brochures                                   | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a>   |

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