

**HDC enclosures**  
**HDC 24B ABU**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[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**

|            |                                                                                                                  |
|------------|------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 24B ABU                                                                                                      |
| Order No.  | <a href="#">1212400000</a>                                                                                       |
| Version    | HDC enclosures, Size: 8, Protection degree: IP65, Bulkhead enclosure, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4008190083939                                                                                                    |
| Qty.       | 1 pc(s).                                                                                                         |

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**Technical data****Dimensions and weights**

|                            |         |                             |            |
|----------------------------|---------|-----------------------------|------------|
| Length                     | 163 mm  | Length (inches)             | 6.417 inch |
| Width                      | 55 mm   | Width (inches)              | 2.165 inch |
| Height                     | 29.3 mm | Height (inches)             | 1.154 inch |
| Mounting dimension - width | 130 mm  | Mounting dimension - height | 32 mm      |
| Net weight                 | 175 g   |                             |            |

**Temperatures**

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

**Dimensions**

|                      |        |                      |         |
|----------------------|--------|----------------------|---------|
| Height of base B1    | 5.3 mm | Height of housing B  | 29.3 mm |
| Hole pitch length A2 | 130 mm | Total length housing | 120 mm  |
| Width base C1        | 47 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              |
| Surface finish              | Powder coating              |                       |                   |

**Version**

|                        |                         |                          |                                  |
|------------------------|-------------------------|--------------------------|----------------------------------|
| Clamp version          | Side-locking clamp      | Design                   | Standard                         |
| Design of housing      | Bulkhead enclosure      | Design of locking system | Side-locking clamp on lower side |
| Sealing                | NBR                     | Size                     | 8                                |
| Suitable for ModuPlug® | Yes                     | Top part/bottom part/lid | lower part                       |
| Type                   | Bulkhead (Feed-Through) |                          |                                  |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000437    | ETIM 4.0   | EC000437    |
| ETIM 5.0   | EC000437    | ETIM 6.0   | EC000437    |
| UNSPSC     | 30-21-18-01 | eClass 5.1 | 27-14-34-19 |
| eClass 6.2 | 27-26-12-03 | eClass 7.1 | 27-44-02-02 |
| eClass 8.1 | 27-44-02-02 | eClass 9.0 | 27-44-02-02 |
| eClass 9.1 | 27-44-02-02 |            |             |

**Approvals**

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Downloads**

|                         |                                                                         |
|-------------------------|-------------------------------------------------------------------------|
| Brochure/Catalogue      | <a href="#">CAT 3 HDC 17/18 EN</a><br><a href="#">FL FIELDWIRING EN</a> |
| Engineering Data        | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                                |
| Technical Documentation | <a href="#">1212400000_HDC_24B_ABU_STP_Blatt_1.pdf</a>                  |

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## Drawings

