

HDC enclosures HDC 10B ABU

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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

| | |
|------------|---|
| Type | HDC 10B ABU |
| Order No. | 1205000000 |
| Version | HDC enclosures, Size: 4, Protection degree: IP65, Open base, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4008190872960 |
| Qty. | 1 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|----------------------------|---------|-----------------------------|------------|
| Width | 55 mm | Width (inches) | 2.165 inch |
| Height | 29.3 mm | Height (inches) | 1.154 inch |
| Mounting dimension - width | 83 mm | Mounting dimension - height | 32 mm |
| Net weight | 147 g | | |

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

REACH SVHC Lead 7439-92-1,
 Potassium perfluorobutane
 sulfonate 29420-49-3

Dimensions

| | | | |
|----------------------|--------|----------------------|---------|
| Height of base B1 | 5.3 mm | Height of housing B | 29.5 mm |
| Hole pitch length A2 | 83 mm | Total length housing | 73 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 | Tightening torque | 1.2 Nm |

Version

| | | | |
|--------------------------|--------------------|--------------------------|----------------------------------|
| Clamp version | Side-locking clamp | Design | Standard |
| Design of housing | Open base | Design of locking system | Side-locking clamp on lower side |
| Sealing | NBR | Size | 4 |
| Suitable for ModuPlug® | Yes | 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 |
| eClass 9.0 | 27-44-02-02 | eClass 9.1 | 27-44-02-02 |
| eClass 10.0 | 27-44-02-02 | UNSPSC | 30-21-18-01 |

Approvals

Approvals



Data sheet**HDC enclosures
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Technical data**Downloads**

| | |
|-------------------------|---|
| Brochure/Catalogue | CAT 3 HDC 17/18 EN FL FIELDWIRING EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| Engineering Data | STEP |
| Technical Documentation | 1205000000_HDC_10B_ABU_STP_Blatt_1.pdf |

Data sheet

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Drawings

