

HDC enclosures HDC 16B ADBO

Weidmüller Interface 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

| | |
|------------|--|
| Type | HDC 16B ADBO |
| Order No. | 1209200000 |
| Version | HDC enclosures, Size: 6, Protection degree: IP65, Bulkhead enclosure, Side-locking clamp on upper side, Standard, with cover |
| GTIN (EAN) | 4008190871130 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|----------------------------|---------|-----------------------------|------------|
| Length | 115 mm | Length (inches) | 4.528 inch |
| Width | 77.3 mm | Width (inches) | 3.043 inch |
| Height | 47 mm | Height (inches) | 1.85 inch |
| Mounting dimension - width | 103 mm | Mounting dimension - height | 32 mm |
| Net weight | 178 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|--------|----------------------|---------|
| Height of base B1 | 5.3 mm | Height of housing B | 47 mm |
| Hole pitch length A2 | 103 mm | Total length housing | 93.3 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 class note | Protection class for this version of cover: IP20 |
| Protection degree | IP65 | Surface finish | Powder coating |

Version

| | | | |
|------------------------|-------------------------|--------------------------|----------------------------------|
| Clamp version | Side-locking clamp | Cover | with cover |
| Design | Standard | Design of cover | with cover |
| Design of housing | Bulkhead enclosure | Design of locking system | Side-locking clamp on upper side |
| Sealing | NBR | Size | 6 |
| 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

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 |
| Technical Documentation | 1209200000 HDC 16B ADBO STP Blatt 1.pdf |

Data sheet

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Drawings

