

HDC 16B ABU EMC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The new Weidmüller RockStar® IP65 EMV enclosures are ideally suited for use in the harshest environmental conditions and provide protection against electromagnetic interference. A heavy-duty connector consists of a connector insert and its protective housing. The new plastic straps are easy to lock and can be replaced at any time. All Weidmüller RockStar® enclosures are made of high quality die-cast aluminium. This makes them impact- and corrosion-resistant, yet compact and lightweight.

General ordering data

| | |
|------------|---|
| Version | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Side-locking clamp replaceable |
| Order No. | 2542320000 |
| Type | HDC 16B ABU EMC |
| GTIN (EAN) | 4050118648799 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 113 mm | Depth (inches) | 4.449 inch |
| Height | 30 mm | Height (inches) | 1.181 inch |
| Width | 45 mm | Width (inches) | 1.772 inch |
| Net weight | 128.6 g | | |

Temperatures

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

General data

| | | | |
|-----------------------------|--------------------------------------|---------------------------|-----------------------------|
| EMC housings | Yes | Housing main material | diecast aluminium |
| Material of locking element | PA 66/6, Stainless steel, rust-proof | Protection degree | IP65 (in plugged condition) |
| Surface finish | Powder coating | UL 94 flammability rating | V-0 |

Version

| | | | |
|------------------------|-------------------------|--------------------------|--|
| BG | 6 | Clamp version | Side-locking clamp |
| Colour (RAL) | RAL 9011 | Cover | without cover |
| Design of housing | | Design of locking system | Side-locking clamp on lower side, Side-locking clamp replaceable |
| | Bulkhead housing | | |
| Sealing | FPM | Size | 6 |
| Suitable for ModuPlug® | Yes | 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 |

| | |
|---------------------|---------------|
| Substance | Hydraulic oil |
| Chemical resistance | Resistant |
| Substance | Petrol |
| Chemical resistance | Resistant |
| Substance | UV |
| Chemical resistance | Resistant |
| Substance | Ozone |
| Chemical resistance | Resistant |

Environmental Product Compliance

| | |
|---------------------|--|
| REACH SVHC | / |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@3e0d6f6 de.myview.objectmodel.impl.BlockImpl@522d3ab7 de.myview.objectmodel.impl.BlockImpl@3a4b8561 de.myview.objectmodel.impl.BlockImpl@6132dbae |

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Technical data

Approvals

Approvals



| | |
|-------------------------|------------|
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E92202 |

Downloads

| | |
|-----------------------------|--|
| Engineering Data | CAD data – STEP |
| Product Change Notification | 20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen |
| Catalogues | Catalogues in PDF-format |

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Drawings

