

HDC 06B ALU**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

| | |
|------------|---|
| Version | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, End-locking clamp not replaceable, Standard |
| Order No. | 1202100000 |
| Type | HDC 06B ALU |
| GTIN (EAN) | 4008190149369 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|-----------------------------|-------|----------------------------|------------|
| Height | 29 mm | Height (inches) | 1.142 inch |
| Width | 68 mm | Width (inches) | 2.677 inch |
| Mounting dimension - height | 32 mm | Mounting dimension - width | 70 mm |
| Net weight | 110 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|--------|----------------------|-------|
| Height of base B1 | 5.5 mm | Height of housing B | 29 mm |
| Hole pitch length A2 | 70 mm | Total length housing | 60 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 (in plugged condition) |
| Surface finish | Powder coating | Tightening torque | 1.2 Nm |

Version

| | | | |
|--------------------------|--|--------------------------|-------------------|
| BG | 3 | Clamp version | End-locking clamp |
| Colour (RAL) | RAL 7035 | Cover | without cover |
| Design | Standard | Design of housing | Bulkhead housing |
| Design of locking system | End-locking clamp, lower side, End-locking clamp not replaceable | Sealing | NBR |
| Size | 3 | 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 |
| 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 | Acetone |
| Chemical resistance | Conditionally resistant |
| Substance | Drilling oil |
| Chemical resistance | Resistant |
| Substance | Diesel |
| Chemical resistance | Resistant |
| Substance | Ethyl alcohol |
| Chemical resistance | Resistant |
| Substance | Transmission oil |

Creation date July 7, 2024 8:23:25 PM CEST

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Technical data

| | |
|---------------------|-------------------------|
| Chemical resistance | Resistant |
| Substance | Hydraulic oil |
| Chemical resistance | Resistant |
| Substance | Coolant |
| Chemical resistance | Resistant |
| Substance | Petroleum benzine |
| Chemical resistance | Resistant |
| Substance | Sweat |
| Chemical resistance | Resistant |
| Substance | Premium gasoline |
| Chemical resistance | Conditionally resistant |
| Substance | Water |
| Chemical resistance | Resistant |
| Substance | UV |
| Chemical resistance | Unstable |
| Substance | Ozone |
| Chemical resistance | Unstable |

Environmental Product Compliance

| | |
|---------------------|--|
| REACH SVHC | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | e98b2b24-ba23-41bf-8d19-0dda3647412f |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@7e0282dc de.myview.objectmodel.impl.BlockImpl@368c1433 de.myview.objectmodel.impl.BlockImpl@ab97482 de.myview.objectmodel.impl.BlockImpl@23608108 de.myview.objectmodel.impl.BlockImpl@499ee3da de.myview.objectmodel.impl.BlockImpl@1fe54b56 de.myview.objectmodel.impl.BlockImpl@5e39314c de.myview.objectmodel.impl.BlockImpl@79f68342 de.myview.objectmodel.impl.BlockImpl@47c83f95 de.myview.objectmodel.impl.BlockImpl@724263c1 de.myview.objectmodel.impl.BlockImpl@65e69f94 de.myview.objectmodel.impl.BlockImpl@28c7fcf9 de.myview.objectmodel.impl.BlockImpl@2e755ae3 |

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 |

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Technical data

Downloads

Approval/Certificate/Document of Con-
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[Zuken E3.S](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1202100000_HDC_06B_ALU_STP_Blatt__1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

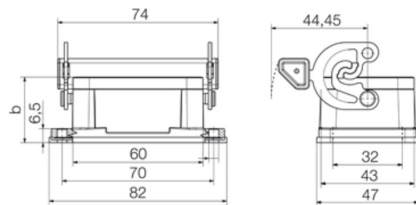
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Drawings



HDC 06B ALU**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****Cover**

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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 06B DODL 2B0 | Version |
| Order No. | 1665200000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, End-locking clamp, lower side, Standard |
| GTIN (EAN) | 4008190421908 | |
| Qty. | 1 pc(s). | |