

HDC 04A AWLU

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: 1, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard |
| Order No. | 1497700000 |
| Type | HDC 04A AWLU |
| GTIN (EAN) | 4008190074937 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|----------------------------|---------|-----------------|------------|
| Depth | 25.7 mm | Depth (inches) | 1.012 inch |
| Height | 52.8 mm | Height (inches) | 2.079 inch |
| Width | 36.5 mm | Width (inches) | 1.437 inch |
| Mounting dimension - width | 30 mm | Net weight | 38 g |

Temperatures

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

Dimensions

| | | | |
|----------------------|---------|----------------------|-------|
| Cable entry | angled | Height of base B1 | 3 mm |
| Height of housing B | 26.7 mm | Hole pitch length A2 | 30 mm |
| Total length housing | 41.5 mm | Width base C1 | 42 mm |
| Width housing C | 25.2 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 | 0.5 Nm |

Version

| | | | |
|--------------------------|----------------------------------|--------------------------|------------------|
| BG | 1 | Cable entry | angled |
| Clamp version | Side-locking clamp | Colour (RAL) | RAL 7035 |
| Design | Standard | Design of housing | Bulkhead housing |
| Design of locking system | Side-locking clamp on lower side | Sealing | NBR |
| Size | 1 | Suitable for ModuPlug® | No |
| Tightening torque | 0.5 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 | 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 |

| | |
|---------------------|-------------------------|
| 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 |
| Chemical resistance | Resistant |

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| 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 |
| SCIP | d447edfa-0214-4f34-b5ba-82eae491b46a |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@5454819f de.myview.objectmodel.impl.BlockImpl@dcd3a6e de.myview.objectmodel.impl.BlockImpl@240e64f7 de.myview.objectmodel.impl.BlockImpl@38028e42 de.myview.objectmodel.impl.BlockImpl@48aaa8a4 de.myview.objectmodel.impl.BlockImpl@2cd0e595 de.myview.objectmodel.impl.BlockImpl@7b2e0524 de.myview.objectmodel.impl.BlockImpl@5772e49d de.myview.objectmodel.impl.BlockImpl@4a00895f de.myview.objectmodel.impl.BlockImpl@61d721c7 de.myview.objectmodel.impl.BlockImpl@6adb1ffc de.myview.objectmodel.impl.BlockImpl@2a4d5836 de.myview.objectmodel.impl.BlockImpl@64c96651 |

Important note

| | |
|---------------------|---|
| Product information | When mounting the housings, make sure that the flat gasket is correctly seated. |
|---------------------|---|

Approvals

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

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Technical data**Downloads**

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Manufacturer's declaration |
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD |
| Product Change Notification | 20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen |
| Technical Documentation | 1497700000_HDC_04A_AWLU_STP_Blatt__1.pdf |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |