

HDC 10B ABO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP65**

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: 4, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on upper side, Standard |
| Order No. | 1052430000 |
| Type | HDC 10B ABO |
| GTIN (EAN) | 4032248794218 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Height | 25 mm | Height (inches) | 0.984 inch |
| Width | 58.5 mm | Width (inches) | 2.303 inch |
| Net weight | 73 g | | |

Temperatures

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

Dimensions

| | | | |
|---------------------|-------|-----------------|-------|
| Height of housing B | 29 mm | Width housing C | 43 mm |
|---------------------|-------|-----------------|-------|

General data

| | | | |
|-------------------|-----------------------------|-----------------------|-------------------|
| EMC housings | No | Housing main material | diecast aluminium |
| Protection degree | IP65 (in plugged condition) | | |

Version

| | | | |
|------------------------|------------------|--------------------------|----------------------------------|
| BG | 4 | Colour (RAL) | RAL 7035 |
| Cover | without cover | Design | Standard |
| Design of housing | Bulkhead housing | Design of locking system | Side-locking clamp on upper side |
| Sealing | NBR | Size | 4 |
| Suitable for ModuPlug® | Yes | Top part/bottom part/lid | lower part |

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 |
| ECLASS 14.0 | 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 |
| Substance | Hydraulic oil |
| Chemical resistance | Resistant |
| Substance | Coolant |

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|---------------------|-------------------------|
| 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@4ef5d2a9 de.myview.objectmodel.impl.BlockImpl@b0c33bf de.myview.objectmodel.impl.BlockImpl@37b721e8 de.myview.objectmodel.impl.BlockImpl@7d6c8304 de.myview.objectmodel.impl.BlockImpl@1d6c669a de.myview.objectmodel.impl.BlockImpl@77172f43 de.myview.objectmodel.impl.BlockImpl@79a1f828 de.myview.objectmodel.impl.BlockImpl@604c20bb de.myview.objectmodel.impl.BlockImpl@1eead29e de.myview.objectmodel.impl.BlockImpl@50498b37 de.myview.objectmodel.impl.BlockImpl@265f49ae de.myview.objectmodel.impl.BlockImpl@2797ec26 de.myview.objectmodel.impl.BlockImpl@6fa1b468 |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6bl |

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 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Manufacturer's declaration |
| 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 |
| Brochures | |

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Drawings

