

HDC 10B TOBU 1PG16G

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: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 16 |
| Order No. | 1654220000 |
| Type | HDC 10B TOBU 1PG16G |
| GTIN (EAN) | 4008190407049 |
| Qty. | 1 pièce(s) |

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Caractéristiques techniques

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 73 mm | Depth (inches) | 2,874 inch |
| Height | 52 mm | Height (inches) | 2,047 inch |
| Width | 58,5 mm | Width (inches) | 2,303 inch |
| Net weight | 142 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | w. thread | Height of housing B | 52 mm |
| Total length housing | 73 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 | | |

Version

| | | | |
|------------------------------|----------------------------------|--------------------------------|------------------------------------|
| BG | 4 | Cable entry | w. thread |
| Clamp version | Side-locking clamp | Colour (RAL) | RAL 7035 |
| Design | Standard | Design of housing | Cable entry from top, Plug housing |
| Design of locking system | Side-locking clamp on lower side | Internal thread | PG 16 |
| Number of cable entry on top | 1 | Number of cable entry sideways | 0 |
| Size | 4 | Size of cable entries | PG 16 |
| Suitable for ModuPlug® | No | Top part/bottom part/lid | upper part |
| Type | Plug | | |

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 |

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Caractéristiques techniques

| | |
|---------------------|-------------------------|
| Substance | Transmission oil |
| 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

| | |
|--------------------------------------|---|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6bl |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | d447edfa-0214-4f34-b5ba-82eae491b46a |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@ab339a8 de.myview.objectmodel.impl.BlockImpl@73f5ba73 de.myview.objectmodel.impl.BlockImpl@7ff66813 de.myview.objectmodel.impl.BlockImpl@64a6d7ba de.myview.objectmodel.impl.BlockImpl@774bccff de.myview.objectmodel.impl.BlockImpl@2933c647 de.myview.objectmodel.impl.BlockImpl@65c98582 de.myview.objectmodel.impl.BlockImpl@37009586 de.myview.objectmodel.impl.BlockImpl@1e059bad de.myview.objectmodel.impl.BlockImpl@29b377d4 de.myview.objectmodel.impl.BlockImpl@7f02f5 de.myview.objectmodel.impl.BlockImpl@33600bd9 de.myview.objectmodel.impl.BlockImpl@10a36eb |

Approvals

Approvals



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

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Caractéristiques techniques

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 |
| Technical Documentation | 1654220000 HDC 10B TOBU 1PG16G STP Blatt_1.pdf |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

Fiche de données

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Dessins

