

HDC 06B TOLU 1M20G**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: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 20 |
| Order No. | 1788120000 |
| Type | HDC 06B TOLU 1M20G |
| GTIN (EAN) | 4032248205561 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|-------|-----------------|------------|
| Height | 52 mm | Height (inches) | 2.047 inch |
| Width | 43 mm | Width (inches) | 1.693 inch |
| Net weight | 124 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | w. thread | Height of housing B | 52 mm |
| Total length housing | 60 mm | Width housing C | 43 mm |

General data

| | | | |
|-----------------------------|-----------------------------|-----------------------|-----------------------------|
| EMC housings | No | Housing main material | diecast aluminium |
| Material of locking element | | Protection degree | IP65 (in plugged condition) |
| Surface finish | Stainless steel, rust-proof | Tightening torque | 1.2 Nm |
| | Powder coating | | |

Version

| | | | |
|------------------------------|-------------------------------|--------------------------------|------------------------------------|
| BG | 3 | Cable entry | w. thread |
| Clamp version | End-locking clamp | Colour (RAL) | RAL 7035 |
| Design | | Design of housing | Cable entry from top, Plug housing |
| | Standard | | |
| Design of locking system | End-locking clamp, lower side | Internal thread | M 20 |
| Number of cable entry on top | 1 | Number of cable entry sideways | 1 |
| Size | 3 | Size of cable entries | M 20 |
| Suitable for ModuPlug® | No | Tightening torque | 1.2 Nm |
| 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 |

| | |
|---------------------|-------------------------|
| 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 |

Creation date July 7, 2024 9:56:46 PM CEST

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Technical data

| | |
|---------------------|-------------------------|
| 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@2019f4f6 de.myview.objectmodel.impl.BlockImpl@3342174b de.myview.objectmodel.impl.BlockImpl@5cb44641 de.myview.objectmodel.impl.BlockImpl@1e463207 de.myview.objectmodel.impl.BlockImpl@7197cb7d de.myview.objectmodel.impl.BlockImpl@524c724b de.myview.objectmodel.impl.BlockImpl@2cb4b00d de.myview.objectmodel.impl.BlockImpl@34d6996 de.myview.objectmodel.impl.BlockImpl@4c4e86a1 de.myview.objectmodel.impl.BlockImpl@7da16b49 de.myview.objectmodel.impl.BlockImpl@741c9828 de.myview.objectmodel.impl.BlockImpl@1c754ee4 de.myview.objectmodel.impl.BlockImpl@24b6b845 |

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 |
| Technical Documentation | 1788120000 HDC_06B_TOLU_1M20G_STP_Blatt_1.pdf |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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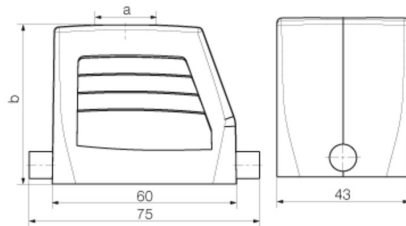
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Drawings



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

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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 06B DMDL 1LB | Version |
| Order No. | 1665210000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, End-locking clamp, lower side, Standard |
| GTIN (EAN) | 4008190421915 | |
| Qty. | 1 pc(s). | |