

HDC 04A 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: 1, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20 |
| Order No. | 1788820000 |
| Type | HDC 04A TOLU 1M20G |
| GTIN (EAN) | 4032248206360 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 26.8 mm | Depth (inches) | 1.055 inch |
| Height | 50 mm | Height (inches) | 1.969 inch |
| Width | 36.5 mm | Width (inches) | 1.437 inch |
| Net weight | 26 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|---------------------|---------|
| Cable entry | w. thread | Height of housing B | 50 mm |
| Total length housing | 26.8 mm | Width housing C | 26.8 mm |

General data

| | | | |
|-------------------|-----------------------------|-----------------------|-------------------|
| EMC housings | No | Housing main material | diecast aluminium |
| Protection degree | IP65 (in plugged condition) | Surface finish | Powder coating |
| Tightening torque | 0.5 Nm | | |

Version

| | | | |
|------------------------------|----------------------------------|--------------------------------|------------------------------------|
| BG | 1 | 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 | M 20 |
| Number of cable entry on top | 1 | Number of cable entry sideways | 0 |
| Size | 1 | Size of cable entries | M 20 |
| Suitable for ModuPlug® | No | Tightening torque | 0.5 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 |

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| | |
|---------------------|-------------------------|
| 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 |
| SCIP | d447edfa-0214-4f34-b5ba-82eae491b46a |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@59c302ee de.myview.objectmodel.impl.BlockImpl@102cf102 de.myview.objectmodel.impl.BlockImpl@65c1656 de.myview.objectmodel.impl.BlockImpl@4dab9069 de.myview.objectmodel.impl.BlockImpl@c3e2f40 de.myview.objectmodel.impl.BlockImpl@7b6d7b24 de.myview.objectmodel.impl.BlockImpl@1d653cb9 de.myview.objectmodel.impl.BlockImpl@cdcdfa4 de.myview.objectmodel.impl.BlockImpl@71e5b550 de.myview.objectmodel.impl.BlockImpl@61415413 de.myview.objectmodel.impl.BlockImpl@55752c76 de.myview.objectmodel.impl.BlockImpl@3fbee883 de.myview.objectmodel.impl.BlockImpl@63ad9511 |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6bl |

Approvals

Approvals



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

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Technical data

Downloads

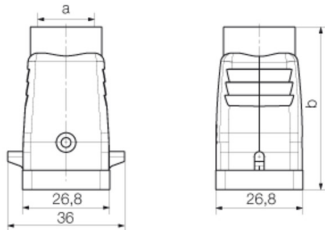
| | |
|-----------------------------|--|
| Engineering Data | CAD data – STEP |
| Engineering Data | Zuken E3.S |
| Product Change Notification | 20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen |
| Technical Documentation | 1788820000_HDC_04A_TOLU_1M20G_STP_Blatt_1.pdf |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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Drawings



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

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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 04A DODL 1LB | Version |
| Order No. | 1963690000 | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4032248645961 | |
| Qty. | 1 pc(s). | |