

HDC 16B TOBU 1M25G**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, Installation size: 6, Protection degree: IP65, in plugged condition, Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25 |
| Order No. | 1788210000 |
| Type | HDC 16B TOBU 1M25G |
| GTIN (EAN) | 4032248205745 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 93.3 mm | Depth (inches) | 3.6732 inch |
| Height | 61 mm | Height (inches) | 2.4016 inch |
| Width | 57.8 mm | Width (inches) | 2.2756 inch |
| Net weight | 224 g | | |

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

| | | |
|---------------------|---------------------|-------------------------|
| Chemical resistance | 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 |
| | Chemical resistance | Resistant |
| | Substance | Petroleum benzene |
| | 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 |

Dimensions

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | w. thread | Width housing C | 43 mm |
| Total length housing | 93.3 mm | Height of housing B | 61 mm |

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Technical data**General data**

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

Version

| | | | |
|------------------------------|------------------------------------|--------------------------------|----------------------------------|
| Size of cable entries | M 25 | Top part/bottom part/lid | upper part |
| Number of cable entry on top | 1 | Number of cable entry sideways | 0 |
| Design of housing | Cable entry from top, Plug housing | Design of locking system | Side-locking clamp on lower side |
| Design | Standard | Installation size | 6 |
| Cable entry | w. thread | Type | Plug |
| Clamp version | Side-locking clamp | Internal thread | M 25 |
| Colour (RAL) | RAL 7035 | BG | 6 |
| Suitable for ModuPlug® | No | | |

Classifications

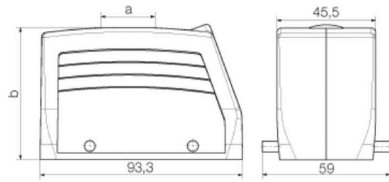
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000437 | ETIM 7.0 | EC000437 |
| ETIM 8.0 | EC000437 | ETIM 9.0 | EC000437 |
| ETIM 10.0 | EC000437 | ECLASS 9.0 | 27-44-02-02 |
| ECLASS 9.1 | 27-44-02-02 | ECLASS 10.0 | 27-44-02-02 |
| ECLASS 11.0 | 27-44-02-02 | ECLASS 12.0 | 27-44-02-02 |
| ECLASS 13.0 | 27-44-02-02 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 | | |

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Drawings



HDC 16B TOBU 1M25G
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Accessories
Cover


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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 16B DMDQ 2QB | Version |
| Order No. | 1665270000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190421977 | plugged condition, Cover for upper part of housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard |