

HDC 48B TOLU 1M40G

Weidmüller Interface GmbH & Co. KG
 Klingenbergsstraße 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: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 40 |
| Order No. | 1788340000 |
| Type | HDC 48B TOLU 1M40G |
| GTIN (EAN) | 4032248205875 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|--------|-----------------|----------|
| Depth | 151 mm | Depth (inches) | 5.945 °C |
| Height | 94 mm | Height (inches) | 3.701 °C |
| Width | 90 mm | Width (inches) | 3.543 °C |
| Net weight | 532 g | | |

Temperatures

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

Environmental Product Compliance

| | | | |
|---------------------|---------------------|-------------------------|--|
| REACH SVHC | Lead 7439-92-1 | | |
| 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 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 | |

Dimensions

| | | | |
|----------------------|--------------|---------------------|-------|
| Cable entry | w. threading | Height of housing B | 94 mm |
| Total length housing | 132 mm | Width housing C | 90 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 | Tightening torque | 1.2 inch |

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Technical data**Version**

| | | | |
|------------------------------|-------------------------------|--------------------------------|------------------------------------|
| Cable entry | w. threading | Clamp version | End-locking clamp |
| Design | Standard | Design of housing | Cable entry from top, Plug housing |
| Design of locking system | End-locking clamp, lower side | Internal thread | M 40 |
| Number of cable entry on top | 1 | Number of cable entry sideways | 0 |
| Size | 12 | Size of cable entries | M 40 |
| Suitable for ModuPlug® | Yes | Tightening torque | 1.2 inch |
| Top part/bottom part/lid | upper part | Type | Plug |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000437 | ETIM 7.0 | EC000437 |
| ETIM 8.0 | 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 | | |

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Manufacturer's declaration |
| Engineering Data | STEP |
| Engineering Data | EPLAN, WSCAD |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN |
| | FL FIELDWIRING EN |

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Drawings