

**HDC 16D TOLU 1M25G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 25 |
| Order No.  | <a href="#">1787500000</a>                                                                                                                                                    |
| Type       | HDC 16D TOLU 1M25G                                                                                                                                                            |
| GTIN (EAN) | 4032248204847                                                                                                                                                                 |
| Qty.       | 1 pc(s).                                                                                                                                                                      |

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**Technical data****Dimensions and weights**

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Height     | 72 mm | Height (inches) | 2.835 inch |
| Width      | 43 mm | Width (inches)  | 1.693 inch |
| Net weight | 167 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 | 72 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 | Stainless steel, rust-proof | Protection degree     | IP65 (in plugged condition) |
| Surface finish              | Powder coating              | Tightening torque     | 1.2 Nm                      |

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**Technical data****Version**

|                                |                                    |                              |                               |
|--------------------------------|------------------------------------|------------------------------|-------------------------------|
| Cable entry                    | w. threading                       | Clamp version                | End-locking clamp             |
| Colour (RAL)                   | RAL 7035                           | Design                       | high                          |
| Design of housing              | Cable entry from top, Plug housing | Design of locking system     | End-locking clamp, lower side |
| Internal thread                | M 25                               | Number of cable entry on top | 1                             |
| Number of cable entry sideways | 0                                  | Size                         | 3                             |
| Size of cable entries          | M 25                               | Suitable for ModuPlug®       | Yes                           |
| 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    | 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 |
| UL File Number Search | E92202  |

**Downloads**

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a>                             |
| Engineering Data                            | <a href="#">STEP</a>                                                   |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                           |
| Technical Documentation                     | <a href="#">1787500000_HDC_16D_TOLU_1M25G_STP_Blatt_1.pdf</a>          |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures                                   | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |

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## Drawings

