

**HDC 07A TOLU 1M20G****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: 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.  | <a href="#">1788520000</a>                                                                                                                                                           |
| Type       | HDC 07A TOLU 1M20G                                                                                                                                                                   |
| GTIN (EAN) | 4032248206056                                                                                                                                                                        |
| 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 |
| Net weight     | 13 g       | Width           | 36.5 mm    |
| Width (inches) | 1.437 inch |                 |            |

## Temperatures

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

## Environmental Product Compliance

REACH SVHC Potassium perfluorobutane sulfonate 29420-49-3

|                     |                     |                         |
|---------------------|---------------------|-------------------------|
| 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 | 50 mm   |
| Total length housing | 26.8 mm      | Width housing C     | 26.8 mm |

## General data

|                           |                             |                       |         |
|---------------------------|-----------------------------|-----------------------|---------|
| EMC housings              | No                          | Housing main material | Plastic |
| Protection degree         | IP65 (in plugged condition) | Tightening torque     | 0.5 Nm  |
| UL 94 flammability rating | V-0                         |                       |         |

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## Version

|                              |                                  |                                |                                    |
|------------------------------|----------------------------------|--------------------------------|------------------------------------|
| Cable entry                  | w. threading                     | Clamp version                  | Side-locking clamp                 |
| 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    |
| 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

|                         |                                                               |
|-------------------------|---------------------------------------------------------------|
| Engineering Data        | <a href="#">STEP</a>                                          |
| Engineering Data        | <a href="#">EPLAN, WSCAD</a>                                  |
| Technical Documentation | <a href="#">1788520000 HDC_07A_TOLU_1M20G_STP_Blatt_1.pdf</a> |

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## Drawings

