

**HDC IP65 16B FRAME M4****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: 6, Protection degree: IP65 (in plugged condition), , Clamping yoke connection |
| Order No.  | <a href="#">1081570000</a>                                                                          |
| Type       | HDC IP65 16B FRAME M4                                                                               |
| GTIN (EAN) | 4032248844418                                                                                       |
| Qty.       | 1 pc(s).                                                                                            |

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## Technical data

## Dimensions and weights

|                             |            |                            |            |
|-----------------------------|------------|----------------------------|------------|
| Depth                       | 129 mm     | Depth (inches)             | 5.079 inch |
| Height                      | 14 mm      | Height (inches)            | 0.551 inch |
| Mounting dimension - height | 32 mm      | Mounting dimension - width | 103 mm     |
| Net weight                  | 78 g       | Width                      | 58 mm      |
| Width (inches)              | 2.283 inch |                            |            |

## Temperatures

Limit temperature -50 °C ... 125 °C

## Environmental Product Compliance

|                     |                     |                         |
|---------------------|---------------------|-------------------------|
| Chemical resistance | Substance           | Acetone                 |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Diesel oil              |
|                     | Chemical resistance | Unstable                |
|                     | Substance           | Ethyl alcohol           |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Transmission oil        |
|                     | Chemical resistance | Conditionally resistant |
|                     | Substance           | Hydraulic oil           |
|                     | Chemical resistance | Conditionally resistant |
|                     | Substance           | Petroleum benzine       |
|                     | Chemical resistance | Unstable                |
|                     | Substance           | Sweat                   |
|                     | Chemical resistance | Conditionally resistant |
|                     | Substance           | Premium gasoline        |
|                     | Chemical resistance | Unstable                |
|                     | Substance           | Water                   |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | UV                      |
|                     | Chemical resistance | Resistant               |
|                     | Substance           | Ozone                   |
|                     | Chemical resistance | Resistant               |

## Dimensions

|                      |        |                      |        |
|----------------------|--------|----------------------|--------|
| Height of housing B  | 14 mm  | Hole pitch length A2 | 103 mm |
| Total length housing | 129 mm |                      |        |

## General data

|                   |                             |                       |                   |
|-------------------|-----------------------------|-----------------------|-------------------|
| EMC housings      | Yes                         | Housing main material | diecast aluminium |
| Protection degree | IP65 (in plugged condition) |                       |                   |

## Version

|                          |                          |      |                         |
|--------------------------|--------------------------|------|-------------------------|
| Design of locking system | Clamping yoke connection | Size | 6                       |
| Top part/bottom part/lid | lower part               | Type | Bulkhead (feed-through) |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 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

**Downloads**

Engineering Data

[STEP](#)

Engineering Data

[EPLAN](#)

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## Drawings

