

**HDC IP65 10B 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: 4, Protection degree: IP65 (in plugged condition), , Clamping yoke connection |
| Order No.  | <a href="#">1081560000</a>                                                                          |
| Type       | HDC IP65 10B FRAME M4                                                                               |
| GTIN (EAN) | 4032248844432                                                                                       |
| Qty.       | 1 pc(s).                                                                                            |

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## Technical data

## Dimensions and weights

|                             |        |                            |            |
|-----------------------------|--------|----------------------------|------------|
| Depth                       | 109 mm | Depth (inches)             | 4.291 inch |
| Height                      | 13 mm  | Height (inches)            | 0.512 inch |
| Width                       | 58 mm  | Width (inches)             | 2.283 inch |
| Mounting dimension - height | 32 mm  | Mounting dimension - width | 83 mm      |
| Net weight                  | 67 g   |                            |            |

## Temperatures

|                   |                   |
|-------------------|-------------------|
| Limit temperature | -50 °C ... 125 °C |
|-------------------|-------------------|

## Dimensions

|                      |       |                      |        |
|----------------------|-------|----------------------|--------|
| Hole pitch length A2 | 83 mm | Total length housing | 109 mm |
|----------------------|-------|----------------------|--------|

## General data

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

## Version

|                          |                          |              |                         |
|--------------------------|--------------------------|--------------|-------------------------|
| BG                       | 4                        | Colour (RAL) | RAL 7001                |
| Design of locking system | Clamping yoke connection | Size         | 4                       |
| Top part/bottom part/lid | lower part               | Type         | Bulkhead (feed-through) |

## 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 |             |             |

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

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

## Environmental Product Compliance

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliance Status | Compliant without exemption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| REACH SVHC             | No SVHC above 0.1 wt%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Chemical resistance    | de.myview.objectmodel.impl.BlockImpl@65af7648 de.myview.objectmodel.impl.BlockImpl@55befc9e<br>de.myview.objectmodel.impl.BlockImpl@6e85923c de.myview.objectmodel.impl.BlockImpl@5b6db06d<br>de.myview.objectmodel.impl.BlockImpl@456e907e de.myview.objectmodel.impl.BlockImpl@6796ce41<br>de.myview.objectmodel.impl.BlockImpl@25c0b4fd de.myview.objectmodel.impl.BlockImpl@131896f0<br>de.myview.objectmodel.impl.BlockImpl@22c4098d de.myview.objectmodel.impl.BlockImpl@73713f52<br>de.myview.objectmodel.impl.BlockImpl@53b61a9d |

## Approvals

Approvals



|                 |                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/</a> |
| ROHS            | Conform                                                                                                                                                                     |

## Downloads

|                             |                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Engineering Data            | <a href="#">CAD data – STEP</a>                                                                                            |
| Product Change Notification | <a href="#">20220214 Technical change to HDC housings</a><br><a href="#">20220214 Technische Änderung bei HDC-Gehäusen</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

