

**HDC 24D SDLU 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: 4, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 25 |
| Order No.  | <a href="#">1903410000</a>  |
| Type       | HDC 24D SDLU 1M25G  |
| GTIN (EAN) | 4032248588206   |
| Qty.       | 1 pc(s).  |

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## Technical data

## Dimensions and weights

|                             |          |                            |            |
|-----------------------------|----------|----------------------------|------------|
| Height                      | 96.5 mm  | Height (inches)            | 3.799 inch |
| Width                       | 100.9 mm | Width (inches)             | 3.972 inch |
| Mounting dimension - height | 45 mm    | Mounting dimension - width | 82 mm      |
| Net weight                  | 441 g    |                            |            |

## Temperatures

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

## Dimensions

|                      |           |                      |         |
|----------------------|-----------|----------------------|---------|
| Cable entry          | w. thread | Height of base B1    | 5 mm    |
| Height of housing B  | 74 mm     | Hole pitch length A2 | 82 mm   |
| Total length housing | 73 mm     | Width base C1        | 55.5 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 class note | Protection class with secured cover: IP 65 |
| Protection degree           | IP65 (in plugged condition) | Surface finish        | Powder coating                             |

## Version

|                              |                               |                                |              |
|------------------------------|-------------------------------|--------------------------------|--------------|
| BG                           | 4                             | Cable entry                    | w. thread    |
| Clamp version                | End-locking clamp             | Colour (RAL)                   | RAL 7035     |
| Cover                        | with cover                    | Design                         | high         |
| Design of cover              | with cover                    | Design of housing              | Base housing |
| Design of locking system     | End-locking clamp, lower side | Internal thread                | M 25         |
| Number of cable entry on top | 0                             | Number of cable entry sideways | 1            |
| Sealing                      | NBR                           | Size                           | 4            |
| Size of cable entries        | M 25                          | Suitable for ModuPlug®         | Yes          |
| Top part/bottom part/lid     | lower part                    | Type                           | Base housing |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | EC000437    | ETIM 9.0    | 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 |

|                     |                         |
|---------------------|-------------------------|
| Substance           | Acetone                 |
| Chemical resistance | Conditionally resistant |
| Substance           | Drilling oil            |
| Chemical resistance | Resistant               |
| Substance           | Diesel                  |
| Chemical resistance | Resistant               |
| Substance           | Ethyl alcohol           |

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

**Environmental Product Compliance**

|                     |  |
|---------------------|--|
| REACH SVHC          | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3  |
| SCIP                | e98b2b24-ba23-41bf-8d19-Odda3647412f   |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@18de5b1d de.myview.objectmodel.impl.BlockImpl@2e727612<br>de.myview.objectmodel.impl.BlockImpl@51b25598 de.myview.objectmodel.impl.BlockImpl@2d79dce0<br>de.myview.objectmodel.impl.BlockImpl@47157ce1 de.myview.objectmodel.impl.BlockImpl@7a6a40f7<br>de.myview.objectmodel.impl.BlockImpl@39b7c4b7 de.myview.objectmodel.impl.BlockImpl@5a4a91bd<br>de.myview.objectmodel.impl.BlockImpl@36d40c61 de.myview.objectmodel.impl.BlockImpl@1e918fb4<br>de.myview.objectmodel.impl.BlockImpl@190472ad de.myview.objectmodel.impl.BlockImpl@174ddf49<br>de.myview.objectmodel.impl.BlockImpl@1ec6ec5 |

**Approvals**

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E92202     |

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## Technical data

### 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

