

**HDC 10A 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: 2, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 25 |
| Order No.  | <a href="#">1901040000</a>                                                                                                                                              |
| Type       | HDC 10A SDLU 1M25G                                                                                                                                                      |
| GTIN (EAN) | 4032248586165                                                                                                                                                           |
| Qty.       | 1 pc(s).                                                                                                                                                                |

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

|                             |            |                            |            |
|-----------------------------|------------|----------------------------|------------|
| Height                      | 69.5 mm    | Height (inches)            | 2.736 inch |
| Mounting dimension - height | 40 mm      | Mounting dimension - width | 48 mm      |
| Net weight                  | 252 g      | Width                      | 75.9 mm    |
| Width (inches)              | 2.988 inch |                            |            |

**Temperatures**

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

**Environmental Product Compliance**

|                     |                                                                |                         |
|---------------------|----------------------------------------------------------------|-------------------------|
| REACH SVHC          | Lead 7439-92-1, 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 benzene       |
|                     | 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 base B1    | 4 mm  |
| Height of housing B  | 69.5 mm      | Hole pitch length A2 | 48 mm |
| Total length housing | 63 mm        | Width base C1        | 50 mm |
| Width housing C      | 29.5 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           |                             | Surface finish        | Powder coating                             |
| Tightening torque           | 0.5 Nm                      |                       |                                            |

Creation date March 26, 2021 6:33:16 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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**Technical data****Version**

|                              |                               |                                |                   |
|------------------------------|-------------------------------|--------------------------------|-------------------|
| Cable entry                  | w. threading                  | Clamp version                  | End-locking clamp |
| Cover                        | with cover                    | Design                         | Standard          |
| 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                           | 2                 |
| Size of cable entries        | M 25                          | Suitable for ModuPlug®         | No                |
| Tightening torque            | 0.5 Nm                        | Top part/bottom part/lid       | lower part        |
| Type                         | Base housing                  |                                |                   |

**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> |

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## Drawings

