

**HDC enclosures**  
**HDC 16D SDLU 1M25G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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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**

|            |                                                                                                                                                |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 16D SDLU 1M25G                                                                                                                             |
| Order No.  | <a href="#">1900820000</a>                                                                                                                     |
| Version    | HDC enclosures, Size: 3, Protection degree: IP65, Base enclosure, End-locking clamp, lower side, high, with cover, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248521098                                                                                                                                  |
| Qty.       | 1 pc(s).                                                                                                                                       |

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## Technical data

### Dimensions and weights

|                            |         |                             |            |
|----------------------------|---------|-----------------------------|------------|
| Width                      | 92.5 mm | Width (inches)              | 3.642 inch |
| Height                     | 92 mm   | Height (inches)             | 3.622 inch |
| Mounting dimension - width | 70 mm   | Mounting dimension - height | 45 mm      |
| Net weight                 | 374 g   |                             |            |

### Temperatures

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

### Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

### Dimensions

|                      |              |                      |         |
|----------------------|--------------|----------------------|---------|
| Cable entry          | w. threading | Height of base B1    | 5 mm    |
| Height of housing B  | 74 mm        | Hole pitch length A2 | 70 mm   |
| Total length housing | 60 mm        | Width base C1        | 54.5 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                        | Surface finish        | Powder coating                             |

### Version

|                              |                               |                                |                   |
|------------------------------|-------------------------------|--------------------------------|-------------------|
| Cable entry                  | w. threading                  | Clamp version                  | End-locking clamp |
| Cover                        | with cover                    | Design                         | high              |
| Design of cover              | with cover                    | Design of housing              | Base enclosure    |
| 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                           | 3                 |
| Size of cable entries        | M 25                          | Suitable for ModuPlug®         | Yes               |
| Top part/bottom part/lid     | lower part                    | Type                           | Base housing      |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000437    | ETIM 4.0   | EC000437    |
| ETIM 5.0   | EC000437    | ETIM 6.0   | EC000437    |
| UNSPSC     | 30-21-18-01 | eClass 5.1 | 27-14-34-19 |
| eClass 6.2 | 27-26-12-03 | eClass 7.1 | 27-44-02-02 |
| eClass 8.1 | 27-44-02-02 | eClass 9.0 | 27-44-02-02 |
| eClass 9.1 | 27-44-02-02 |            |             |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

|                    |                                                                         |
|--------------------|-------------------------------------------------------------------------|
| Brochure/Catalogue | <a href="#">CAT 3 HDC 17/18 EN</a><br><a href="#">FL FIELDWIRING EN</a> |
| Engineering Data   | <a href="#">EPLAN, WSCAD</a>                                            |
| Engineering Data   | <a href="#">STEP</a>                                                    |

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## Drawings

