

**HDC enclosures**  
**HDC 40D SBU 2M25G**

**Weidmüller Interface GmbH & Co. KG**  
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[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**

|            |                                                                                                                                    |
|------------|------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 40D SBU 2M25G                                                                                                                  |
| Order No.  | <a href="#">1787120000</a>                                                                                                         |
| Version    | HDC enclosures, Size: 6, Protection degree: IP65, Closed base, Side-locking clamp on lower side, high, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248204465                                                                                                                      |
| Qty.       | 1 pc(s).                                                                                                                           |

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## Technical data

### Dimensions and weights

|                            |         |                             |            |
|----------------------------|---------|-----------------------------|------------|
| Width                      | 56.5 mm | Width (inches)              | 2.224 inch |
| Height                     | 84 mm   | Height (inches)             | 3.307 inch |
| Mounting dimension - width | 105 mm  | Mounting dimension - height | 45 mm      |
| Net weight                 | 459 g   |                             |            |

### Temperatures

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

### Environmental Product Compliance

|            |                              |
|------------|------------------------------|
| REACH SVHC | Lead 7439-92-1, DIBP 84-69-5 |
|------------|------------------------------|

### Dimensions

|                      |              |                      |         |
|----------------------|--------------|----------------------|---------|
| Cable entry          | w. threading | Height of base B1    | 5 mm    |
| Height of housing B  | 84 mm        | Hole pitch length A2 | 105 mm  |
| Total length housing | 93.3 mm      | Width base C1        | 56.5 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 degree     | IP65              |
| Surface finish              | Powder coating              | Tightening torque     | 1.2 Nm            |

### Version

|                              |                                  |                                |                    |
|------------------------------|----------------------------------|--------------------------------|--------------------|
| Cable entry                  | w. threading                     | Clamp version                  | Side-locking clamp |
| Design                       | high                             | Design of housing              | Closed base        |
| Design of locking system     | Side-locking clamp on lower side | Internal thread                | M 25               |
| Number of cable entry on top | 0                                | Number of cable entry sideways | 2                  |
| Sealing                      | NBR                              | Size                           | 6                  |
| Size of cable entries        | M 25                             | Suitable for ModuPlug®         | Yes                |
| Tightening torque            | 1.2 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 | UNSPSC     | 30-21-18-01 |

### Approvals

Approvals



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## Technical data

### 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>                                                    |
| Technical Documentation | <a href="#">1787120000_HDC_40D_SBU_2M25G_STP_Blatt_1.pdf</a>            |

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## Drawings

