

**HDC enclosures**  
**HDC 16A SDLU 2M20G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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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 16A SDLU 2M20G                                                                                                                                 |
| Order No.  | <a href="#">1788790000</a>                                                                                                                         |
| Version    | HDC enclosures, Size: 5, Protection degree: IP65, Base enclosure, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 20 |
| GTIN (EAN) | 4032248206339                                                                                                                                      |
| Qty.       | 1 pc(s).                                                                                                                                           |

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## Technical data

### Dimensions and weights

|                            |         |                             |            |
|----------------------------|---------|-----------------------------|------------|
| Width                      | 75.9 mm | Width (inches)              | 2.988 inch |
| Height                     | 76.5 mm | Height (inches)             | 3.012 inch |
| Depth                      | 96 mm   | Depth (inches)              | 3.78 inch  |
| Mounting dimension - width | 64 mm   | Mounting dimension - height | 40 mm      |
| Net weight                 | 284 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    | 4 mm  |
| Height of housing B  | 57 mm        | Hole pitch length A2 | 64 mm |
| Total length housing | 79 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           | IP65                        | Surface finish        | Powder coating                             |

### Version

|                              |                               |                                |                   |
|------------------------------|-------------------------------|--------------------------------|-------------------|
| Cable entry                  | w. threading                  | Clamp version                  | End-locking clamp |
| Cover                        | with cover                    | Design                         | Standard          |
| Design of cover              | with cover                    | Design of housing              | Base enclosure    |
| Design of locking system     | End-locking clamp, lower side | Internal thread                | M 20              |
| Number of cable entry on top | 0                             | Number of cable entry sideways | 2                 |
| Sealing                      | NBR                           | Size                           | 5                 |
| Size of cable entries        | M 20                          | Suitable for ModuPlug®         | No                |
| 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>                                                    |
| Technical Documentation | <a href="#">1788790000_HDC_16A_SDLU_2M20G_STP_Blatt_1.pdf</a>           |

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## Drawings

