

**HDC enclosures**  
**HDC 16B SDBO 2PG21G**

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

|            |                                                                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Order No.  | <a href="#">1657640000</a>                                                                                                                              |
| Type       | HDC 16B SDBO 2PG21G                                                                                                                                     |
| Version    | HDC enclosures, Size: 6, Protection degree: IP 65, Base enclosure, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190410698                                                                                                                                           |
| Qty.       | 1 pc(s).                                                                                                                                                |

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## Technical data

### Dimensions and weights

|                             |        |                            |         |
|-----------------------------|--------|----------------------------|---------|
| Length                      | 117 mm | Width                      | 77.5 mm |
| Height                      | 82 mm  | Mounting dimension - width | 105 mm  |
| Mounting dimension - height | 45 mm  | Net weight                 | 374 g   |

### Dimensions

|                      |              |                      |        |
|----------------------|--------------|----------------------|--------|
| Total length housing | 93.3 mm      | Width housing C      | 43 mm  |
| Width base C1        | 56.5 mm      | Height of housing B  | 82 mm  |
| Height of base B1    | 5 mm         | Hole pitch length A2 | 105 mm |
| Cable entry          | w. threading |                      |        |

### General data

|                       |                                                  |                       |                   |
|-----------------------|--------------------------------------------------|-----------------------|-------------------|
| Protection class note | Protection class for this version of cover: IP20 | Housing main material | diecast aluminium |
|-----------------------|--------------------------------------------------|-----------------------|-------------------|

### Version

|                                |                                  |                              |              |
|--------------------------------|----------------------------------|------------------------------|--------------|
| Design of housing              | Base enclosure                   | Size                         | 6            |
| Design                         | Standard                         | Top part/bottom part/lid     | lower part   |
| Design of locking system       | Side-locking clamp on upper side | Cable entry                  | w. threading |
| Size of cable entries          | PG 21                            | Number of cable entry on top | 0            |
| Number of cable entry sideways | 2                                | Cover                        | with cover   |
| Design of cover                | with cover                       |                              |              |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 2.0   | EC000437    | ETIM 3.0   | EC000437    |
| UNSPSC     | 30-21-18-01 | eClass 4.1 | 27-14-08-05 |
| eClass 5.1 | 27-14-34-19 | eClass 6.2 | 27-26-12-03 |
| eClass 7.1 | 27-44-02-02 |            |             |

### Approvals

Approvals



ROHS

Conform

### Downloads

|           |                                                                |
|-----------|----------------------------------------------------------------|
| PDF       | <a href="#">1657640000_HDC_16B_SDBO_2PG21G_STP_Blatt_1.pdf</a> |
| IGES      | <a href="#">1657640000_HDC_16B_SDBO_2PG21G_STP.igs</a>         |
| VRML      | <a href="#">1657640000_HDC_16B_SDBO_2PG21G_STP.wrl</a>         |
| EPLAN     | <a href="#">1657640000.MZF</a>                                 |
| 3-D model |                                                                |

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**Drawings**

