

**HDC enclosures**  
**HDC 24B 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**

|            |                                                                                                                                                        |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | HDC 24B SDBO 2PG21G                                                                                                                                    |
| Order No.  | <a href="#">1662180000</a>                                                                                                                             |
| Version    | HDC enclosures, Size: 8, Protection degree: IP65, Base enclosure, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190418700                                                                                                                                          |
| Qty.       | 1 pc(s).                                                                                                                                               |

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## Technical data

### Dimensions and weights

|                            |         |                             |            |
|----------------------------|---------|-----------------------------|------------|
| Width                      | 76.8 mm | Width (inches)              | 3.024 inch |
| Height                     | 86 mm   | Height (inches)             | 3.386 inch |
| Mounting dimension - width | 132 mm  | Mounting dimension - height | 45 mm      |
| Net weight                 | 444 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  | 64 mm        | Hole pitch length A2 | 132 mm  |
| Total length housing | 120 mm       | Width base C1        | 57.5 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 for this version of cover: IP20 |
| Protection degree           | IP65                        | Surface finish        | Powder coating                                   |

### Version

|                              |                                  |                                |                    |
|------------------------------|----------------------------------|--------------------------------|--------------------|
| Cable entry                  | w. threading                     | Clamp version                  | Side-locking clamp |
| Cover                        | with cover                       | Design                         | Standard           |
| Design of cover              | with cover                       | Design of housing              | Base enclosure     |
| Design of locking system     | Side-locking clamp on upper side | Internal thread                | PG 21              |
| Number of cable entry on top | 0                                | Number of cable entry sideways | 2                  |
| Sealing                      | NBR                              | Size                           | 8                  |
| Size of cable entries        | PG 21                            | 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="#">1662180000_HDC_24B_SDBO_2PG21G_STP_Blatt_1.pdf</a>          |

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## Drawings

