

## TBF (polyester empty enclosure) TBF 56/30/21 trsp

**Weidmüller Interface GmbH & Co. KG**  
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Germany  
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**Polyester housings** The housings of the TBF series are made of extremely tough glass fibre-reinforced polyester. These enclosures are ideal for applications that call for low weight coupled with high shock resistance. The weather-resistant TBF enclosures are designed for a wide range of applications. Together with their comprehensive range of accessories, they provide universal solutions for accommodating built-in items such as regulators, measuring instruments, valves and other equipment.

#### Features:

- 9 sizes in 2 versions
- cover with nylon screws
- fixing holes outside the sealed area
- Thread for fitting to terminal rails and mounting plates
- Comprehensive accessories Weidmüller can manufacture and supply this housing to match customer specifications, fitted with all necessary terminals and cable glands.

#### General ordering data

|            |                            |
|------------|----------------------------|
| Type       | TBF 56/30/21 trsp          |
| Order No.  | <a href="#">9502850000</a> |
| GTIN (EAN) | 4032248235315              |
| Qty.       | 1 pc(s).                   |

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## Technical data

### Dimensions and weights

|        |         |                 |             |
|--------|---------|-----------------|-------------|
| Width  | 302 mm  | Width (inches)  | 11.89 inch  |
| Height | 558 mm  | Height (inches) | 21.968 inch |
| Depth  | 210 mm  | Depth (inches)  | 8.268 inch  |
| Weight | 3,970 g | Net weight      | 3,660 g     |

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Cable glands, right

|     |    |     |    |
|-----|----|-----|----|
| M12 | 80 | M16 | 46 |
| M20 | 40 | M25 | 18 |
| M32 | 8  | M40 | 6  |
| M50 | 4  | M63 | 4  |

### Cable glands, top/bottom

|     |    |     |    |
|-----|----|-----|----|
| M12 | 44 | M16 | 24 |
| M20 | 20 | M25 | 10 |
| M32 | 4  | M40 | 3  |
| M50 | 3  | M63 | 2  |

### General information

|                             |   |                             |  |
|-----------------------------|---|-----------------------------|--|
| Areas of use                | Building systems and technology, Transportation, Packaging industry, Machine construction | Standards                   | IEC 61439-2, IEC 60529, EN 61439-2, EN 60529, EN 62208 |
| Toxicity                    | Free from halogens  | UL 94 flammability rating   | V-2  |
| Material                    | Glass fibre-reinforced polyester  | Seal material               | Polyurethane   |
| Operating temperature, min. | -50 °C  | Operating temperature, max. | 130 °C   |
| Impact resistance           | IK08 in accordance with IEC 62208, IK10 in accordance with IEC 62262                      | Protection degree           | IP66   |
| Enclosure attachment        | 6.5 mm hole in enclosure base   | Lid attachment              | Crosshead nylon screws                                 |
| Integral fixing             | 4 or 6 stud bolts M6 inner (female) thread  |                             |  |

### General information on accessories

Material Glass fibre-reinforced polyester

### horizontal assembly

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 4x22 | WDU 16 / ZDU 16 | 4x16 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 4x44 | WDU 35 / ZDU 35 | 4x14 |
| WDU 4 / ZDU 4               | 4x37 | WDU 6 / ZDU 6   | 4x28 |

**Data sheet**

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**Technical data**

**vertical assembly**

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 2x48 | WDU 16 / ZDU 16 | 2x34 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x94 | WDU 35 / ZDU 35 | 2x30 |
| WDU 4 / ZDU 4               | 2x79 | WDU 6 / ZDU 6   | 2x59 |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000058    | ETIM 4.0   | EC000058    |
| ETIM 5.0   | EC000058    | ETIM 6.0   | EC000261    |
| UNSPSC     | 31-26-15-02 | eClass 5.1 | 27-14-91-07 |
| eClass 6.2 | 27-14-91-07 | eClass 7.1 | 27-14-91-07 |
| eClass 8.1 | 27-14-91-07 | eClass 9.0 | 27-18-01-01 |
| eClass 9.1 | 27-18-92-90 |            |             |

**Approvals**

Approvals



ROHS Conform

**Downloads**

|                    |                                     |
|--------------------|-------------------------------------|
| Brochure/Catalogue | <a href="#">CAT 5 ENCL 17/18 EN</a> |
| Engineering Data   | <a href="#">EPLAN_WSCAD</a>         |
| Engineering Data   | <a href="#">STEP</a>                |

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**Drawings**

