

TBF
TBF 56/30/21 trsp

Weidmüller Interface GmbH & Co. KG
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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. | 9502850000 |
| Version | Enclosures, Glass fibre-reinforced polyester, 558 mm, 302 mm |
| GTIN (EAN) | 4032248235315 |
| Qty. | 1 pc(s). |

Data sheet

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Technical data

Dimensions and weights

| | | | |
|------------|---------|--------|---------|
| Length | 210 mm | Width | 302 mm |
| Height | 558 mm | Weight | 3,970 g |
| Net weight | 3,660 g | | |

Cable glands, right

| | | | |
|-------------------|--------------------------|---------|----|
| M12 (2) | 80 | M16 (2) | 46 |
| M20 (2) | 40 | M25 (2) | 18 |
| M32 (2) | 8 | M40 (2) | 6 |
| M50 (2) | 4 | M63 (2) | 4 |
| Side of enclosure | left, top, right, Bottom | | |

Cable glands, top/bottom

| | | | |
|-------------------|--------------------------|-----|----|
| M12 | 44 | M16 | 24 |
| M20 | 20 | M25 | 10 |
| M32 | 4 | M40 | 3 |
| M50 | 3 | M63 | 2 |
| Side of enclosure | left, top, right, Bottom | | |

General information

| | | | |
|-----------------------------|---|-----------------------------|----------------------------------|
| Areas of use | Building systems and technology, Transportation, Packaging industry, Machine construction | Toxicity | Free from halogens |
| UL 94 flammability rating | V-2 | Material | Glass fibre-reinforced polyester |
| Seal material | Polyurethane | Colour code | RAL 7036 |
| Operating temperature, min. | -50 °C | Operating temperature, max. | 130 °C |
| Impact resistance | 7.00 J | Protection degree | IP 66 |
| Enclosure attachment | 6.5 mm hole in enclosure base | Cover 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 |

vertical assembly

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

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| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000058 | 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 | | |

Product information

Descriptive text ordering data Grey lid: 130 mm internal height, 175 mm total height
Transparent lid: 160 mm internal height, 210 mm total height

Approvals

ROHS Conform

Data sheet

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Drawings

