



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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TBF
TBF 49/30/21 trsp**Weidmüller Interface GmbH & Co. KG**

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Germany

Fon: +49 5231 14-0

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www.weidmueller.com



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 49/30/21 trsp |
| Order No. | 9502840000 |
| Version | Enclosures, Glass fibre-reinforced polyester, 488 mm, 302 mm |
| GTIN (EAN) | 4032248027446 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|--------|---------|
| Length | 210 mm | Width | 302 mm |
| Height | 488 mm | Weight | 3,760 g |
| Net weight | 3,220 g | | |

Cable glands, right

| | | | |
|-------------------|--------------------------|---------|----|
| M12 (2) | 42 | M16 (2) | 42 |
| M20 (2) | 36 | M25 (2) | 18 |
| M32 (2) | 7 | M40 (2) | 5 |
| M50 (2) | 5 | 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 | |
| UL 94 flammability rating | V-2 | Material | Free from halogens 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 | 3x22 | WDU 16 ZDU 16 | 3x16 |
| WDU 2,5 ZDU 2,5 IDU 2,5 | 3x44 | WDU 35 ZDU 35 | 3x14 |
| WDU 4 ZDU 4 | 3x37 | WDU 6 ZDU 6 | 3x28 |

vertical assembly

| | | | |
|-----------------------------|------|-------------------|------|
| WDU 10 ZDU 10 (2) | 2x41 | WDU 16 ZDU 16 (2) | 2x29 |
| WDU 2,5 ZDU 2,5 IDU 2,5 (2) | 2x80 | WDU 35 ZDU 35 (2) | 2x25 |
| WDU 4 ZDU 4 (2) | 2x67 | WDU 6 ZDU 6 (2) | 2x51 |

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Classifications

| | | | |
|------------|-------------|------------|-------------|
| 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 |
|------|---------|

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Drawings

