

**TBF**  
**TBF 37/30/18 trsp****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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 37/30/18 trsp
Order No.	<a href="#">0500800000</a>
Version	Enclosures, Glass fibre-reinforced polyester, 372 mm, 302 mm
GTIN (EAN)	4008190089672
Qty.	1 pc(s).

## Data sheet

### TBF TBF 37/30/18 trsp

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

## Technical data

### Dimensions and weights

Length	175 mm	Width	302 mm
Height	372 mm	Weight	2,900 g
Net weight	2,465 g		

### Cable glands, right

M12 (2)	56	M16 (2)	30
M20 (2)	27	M25 (2)	12
M32 (2)	5	M40 (2)	4
M50 (2)	4	M63 (2)	3
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	2x22	WDU 16 ZDU 16	2x16
WDU 2,5 ZDU 2,5 IDU 2,5	2x44	WDU 35 ZDU 35	2x14
WDU 4 ZDU 4	2x37	WDU 6 ZDU 6	2x28

### vertical assembly

WDU 10 ZDU 10 (2)	2x29	WDU 16 ZDU 16 (2)	2x21
WDU 2,5 ZDU 2,5 IDU 2,5 (2)	2x57	WDU 35 ZDU 35 (2)	2x18
WDU 4 ZDU 4 (2)	2x48	WDU 6 ZDU 6 (2)	2x36

**Data sheet****TBF**  
**TBF 37/30/18 trsp****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Technical data****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 accessories      If using an extension frame, the protection class (IP) is reduced.

**Approvals**

ROHS      Conform

**Data sheet****TBF**  
**TBF 37/30/18 trsp****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)**Drawings**