

## TBF 30/19/18 TRSP

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



The enclosures 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, with grey and transparent lids
- 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 enclosure to match customer specifications, fitted with all necessary terminals and cable glands.

#### General ordering data

Version	TBF (polyester empty enclosure), Empty enclosure, Height: 302 mm, Width: 186 mm, Depth: 175 mm, Basic material: Glass fibre-reinforced polyester, untreated, Light Grey, Transparent
Order No.	<a href="#">0500600000</a>
Type	TBF 30/19/18 TRSP
GTIN (EAN)	4032248008742
Qty.	1 items

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## Technical data

## Approvals

ROHS Conform

## Dimensions and weights

Depth	175 mm	Depth (inches)	6.8898 inch
Height	302 mm	Height (inches)	11.8897 inch
Width	186 mm	Width (inches)	7.3228 inch
Net weight	1520 g		

## Temperatures

Operating temperature -50 °C...130 °C

## Environmental Product Compliance

RoHS Compliance Status Compliant without exemption  
 REACH SVHC No SVHC above 0.1 wt%

## Cable glands, right

M25	10	M63	2
M16	30	M40	3
M50	3	M32	5
M20	22	M12	53

## Cable glands, top/bottom

M20	11	M12	28
M63	1	M40	3
M32	3	M25	6
M50	1	M16	14

## Certificate numbers enclosure

Declaration of Conformity No. (DoC LVD) DoC DE PS2420 220224 002ISS01

## General information

Toxicity	Free from halogens	Operating temperature, max.	130 °C
Operating temperature, min.	-50 °C	UL 94 flammability rating	V-2
Lid attachment	Crosshead nylon screws	Installation advice	Screw mounting
Standards	IEC 60529, EN 60529, EN 62208, EN/IEC 61439-2	Surface finish	untreated
Impact resistance	IK08 in accordance with IEC 62208, IK10 in accordance with IEC 62262	Protection degree	IP66
Basic material	Glass fibre-reinforced polyester	Seal material	Polyurethane
Torque for lid screws	1.5 Nm	Integral fixing	4 or 6 stud bolts M6 inner (female) thread
Enclosure attachment	6.5 mm hole in enclosure base	Protection class (UL)	Type 3, Type 4, Type 4X, Type 12
Number of lid screws	4	Access opening: width	162 mm
Flange plate	No	Lid	Yes

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Access opening: height	278 mm	Areas of use	Building systems and technology, Transportation, Packaging industry, Machine construction
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### horizontal assembly

WDU 10 / ZDU 10	1x22	WDU 16 / ZDU 16	1x16
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x44	WDU 35 / ZDU 35	1x14
WDU 4 / ZDU 4	1x37	WDU 6 / ZDU 6	1x28

### vertical assembly

WDU 10 / ZDU 10	2x11	WDU 16 / ZDU 16	2x8
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x22	WDU 35 / ZDU 35	2x7
WDU 4 / ZDU 4	2x18	WDU 6 / ZDU 6	2x14

### Classifications

ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		

