

## TBF 60/30/21 TRSP

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

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

### Similar to illustration



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: 603 mm, Width: 302 mm, Depth: 210 mm, Basic material: Glass fibre-reinforced polyester, untreated, Light Grey, Transparent
Order No.	<a href="#">0500900000</a>
Type	TBF 60/30/21 TRSP
GTIN (EAN)	4008190994921
Qty.	1 items

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**Technical data**

**Approvals**

ROHS Conform

**Dimensions and weights**

Depth	210 mm	Depth (inches)	8.2677 inch
Height	603 mm	Height (inches)	23.7401 inch
Width	302 mm	Width (inches)	11.8897 inch
Net weight	3800 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	20	M63	4
M16	48	M40	6
M50	6	M32	8
M20	40	M12	88

**Cable glands, top/bottom**

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

**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	Number of lid screws	6
Access opening: width	276 mm	Flange plate	No
Lid	Yes	Access opening: height	578 mm

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## Technical data

Areas of use	Building systems and technology, Transportation, Packaging industry, Machine construction
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### horizontal assembly

WDU 10 / ZDU 10	1x51	WDU 16 / ZDU 16	1x37
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x101	WDU 35 / ZDU 35	1x32
WDU 4 / ZDU 4	1x85	WDU 6 / ZDU 6	1x64

### vertical assembly

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

### 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		

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**Drawings**

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