

TBF (polyester empty enclosure) TBF 49/30/21 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 49/30/21 trsp
Order No.	9502840000
GTIN (EAN)	4032248027446
Qty.	1 pc(s).

**TBF (polyester empty enclosure)
TBF 49/30/21 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**

Width	302 mm	Width (inches)	11.89 inch
Height	488 mm	Height (inches)	19.213 inch
Depth	210 mm	Depth (inches)	8.268 inch
Weight	3,760 g	Net weight	3,185 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Cable glands, right

M12	42	M16	42
M20	36	M25	18
M32	7	M40	5
M50	5	M63	4

Cable glands, top/bottom

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

General information

Areas of use	Building systems and technology, Transportation, Packaging industry, Machine construction	Standards	IEC 61439-2, IEC 60529, EN 61439-2, EN 60529, EN 62208
Toxicity	Free from halogens	UL 94 flammability rating	V-2
Material	Glass fibre-reinforced polyester	Seal material	Polyurethane
Operating temperature, min.	-50 °C	Operating temperature, max.	130 °C
Impact resistance	IK08 in accordance with IEC 62208, IK10 in accordance with IEC 62262	Protection degree	IP66
Enclosure attachment	6.5 mm hole in enclosure base	Lid 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

Data sheet

**TBF (polyester empty enclosure)
TBF 49/30/21 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

vertical assembly

WDU 10 / ZDU 10	2x41	WDU 16 / ZDU 16	2x29
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x80	WDU 35 / ZDU 35	2x25
WDU 4 / ZDU 4	2x67	WDU 6 / ZDU 6	2x51

Classifications

ETIM 3.0	EC000058	ETIM 4.0	EC000058
ETIM 5.0	EC000058	ETIM 6.0	EC000261
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
eClass 8.1	27-14-91-07	eClass 9.0	27-18-01-01
eClass 9.1	27-18-92-90		

Approvals

Approvals



ROHS Conform

Downloads

Brochure/Catalogue	CAT 5 ENCL 17/18 EN
Engineering Data	EPLAN_WSCAD
Engineering Data	STEP

Data sheet**TBF (polyester empty enclosure)
TBF 49/30/21 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

Drawings