

TBF
TBF 30/19/18 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 30/19/18 trsp
Order No.	0500600000
Version	TBF, Empty enclosure, Height: 302 mm, Width: 186 mm, Depth: 175 mm, Material: Glass fibre-reinforced polyester, light grey (RAL 7035), Transparent
GTIN (EAN)	4032248008742
Qty.	1 pc(s).

TBF TBF 30/19/18 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

Width	186 mm	Width (inches)	7.323 inch
Height	302 mm	Height (inches)	11.89 inch
Depth	175 mm	Depth (inches)	6.89 inch
Weight	1,750 g	Net weight	1,520 g

Cable glands, right

M12	53	M16	30
M20	22	M25	10
M32	5	M40	3
M50	3	M63	2
Side of enclosure	left, top, right, Bottom		

Cable glands, top/bottom

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

Data sheet

TBF
TBF 30/19/18 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	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	27-14-44-30
eClass 9.1	27-18-92-90		

Approvals

Approvals



ROHS

Conform

Downloads

Brochure/Catalogue	CAT 5 ENCL 17/18 EN
Engineering Data	EPLAN, WSCAD

Data sheet

TBF
TBF 30/19/18 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

Drawings

