

**TBF (polyester empty enclosure)
TBF 37/30/18 TRSP**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Germany
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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.	0500800000
Version	TBF (polyester empty enclosure), Empty enclosure, Height: 372 mm, Width: 302 mm, Depth: 175 mm, Material: Glass fibre-reinforced polyester, Light Grey, Transparent
GTIN (EAN)	4008190089672
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	302 mm	Width (inches)	11.89 inch
Height	372 mm	Height (inches)	14.646 inch
Depth	175 mm	Depth (inches)	6.89 inch
Weight	2,900 g	Net weight	2,465 g

Cable glands, right

M12	56	M16	30
M20	27	M25	12
M32	5	M40	4
M50	4	M63	3

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 60529, EN 60529, EN 62208, EN/IEC 61439-2
Torque for lid screws	1.5 Nm	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
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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	2x29	WDU 16 / ZDU 16	2x21
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x57	WDU 35 / ZDU 35	2x18
WDU 4 / ZDU 4	2x48	WDU 6 / ZDU 6	2x36

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Technical data**Classifications**

ETIM 6.0	EC000261	ETIM 7.0	EC000261
eClass 9.0	27-18-01-01	eClass 9.1	27-18-92-90
eClass 10.0	27-18-01-01	UNSPSC	31-26-15-02

Approvals

Approvals



ROHS	Conform
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Downloads

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

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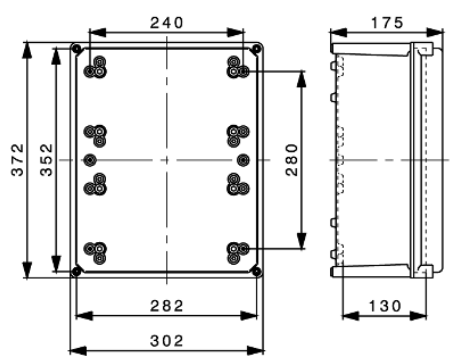
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Drawings



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Accessories

External fixing lugs



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General ordering data

Type	MF TBF	Version
Order No.	0360800000	TBF (polyester empty enclosure), Mounting foot, Fixing lugs, Material:
GTIN (EAN)	4008190108595	Polyamide, Deep black
Qty.	1 pc(s).	

Klippon® POK earthing stud



Integrate, expand and customise - the perfect supplement to every application

The consistent structure of system accessories for the Klippon® POK enclosure range allows you to easily adapt the enclosure to meet the specific requirements of every application.

The range includes:

- Mounting plates
- Earthing plates
- Mounting feet

Our assembly service includes the delivery of the enclosure ready to be connected and suitable for every application.

General ordering data

Type	PEBZ M10 S4 SET	Version
Order No.	1283440000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118073362	Miscellaneous, Material: Stainless steel 1.4404 (316L)
Qty.	1 pc(s).	

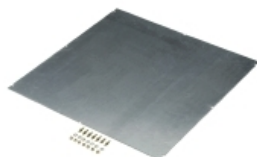
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Accessories

Type	PEBZ M6 BR SET	Version
Order No.	1277250000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118067149	Miscellaneous, Material: Brass
Qty.	1 pc(s).	
Type	PEBZ M6 S4 SET	Version
Order No.	1283430000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118073607	Miscellaneous, Material: Stainless steel 1.4404 (316L)
Qty.	1 pc(s).	
Type	PEBZ M10 BR SET	Version
Order No.	1277220000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118067019	Miscellaneous, Material: Brass
Qty.	1 pc(s).	

Mounting plate



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General ordering data

Type	MP TBF 37/30	Version
Order No.	9502740000	TBF (polyester empty enclosure), Mounting plate, Mounting plate,
GTIN (EAN)	4032248025480	Height: 319 mm, Width: 249 mm, Depth: 2 mm, Material: Sheet steel,
Qty.	1 pc(s).	galvanized, silver

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Accessories**Compensating Element**

Pressure-compensation elements ensure good ventilation of the enclosure and prevent the build-up of condensation while maintaining the appropriate IP class of protection.

General ordering data

Type	DAE M12 PA LONG	Version
Order No.	1868570000	DAE (ventilation element), Compensating element, M 12, 10 mm,
GTIN (EAN)	4032248440429	IP66, IP68, IP69K, Polyamide 6
Qty.	10 pc(s).	
Type	DAE M12 SS	Version
Order No.	1868550000	DAE (ventilation element), Compensating element, M 12, 10 mm,
GTIN (EAN)	4032248440405	IP66, IP68, IP69K, Stainless steel 1.4305 (303)
Qty.	10 pc(s).	