

## TBF 30/30/18 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: 302 mm, Depth: 175 mm, Basic material: Glass fibre-reinforced polyester, untreated, Light Grey, Transparent
Order No.	<a href="#">0500700000</a>
Type	TBF 30/30/18 TRSP
GTIN (EAN)	4032248025145
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	302 mm	Width (inches)	11.8897 inch
Net weight	2000 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	24	M40	3
M50	3	M32	4
M20	20	M12	44

**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	Protection class (UL)	Type 3, Type 4, Type 4X, Type 12
Number of lid screws	4	Access opening: width	276 mm
Flange plate	No	Lid	Yes

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## Technical data

Access opening: height	276 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	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

### Classifications

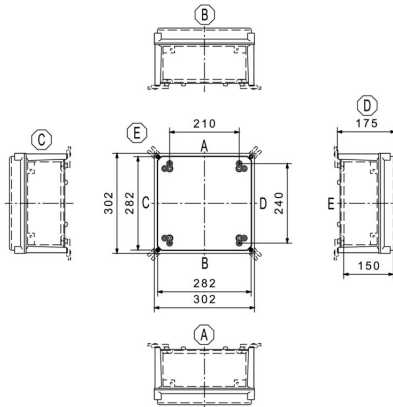
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		

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**Drawings**

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## Accessories

## External fixing lugs



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## General ordering data

Type	MF TBF	Version
Order No.	<a href="#">0360800000</a>	TBF (polyester empty enclosure), Mounting foot, Fixing lugs, Height:
GTIN (EAN)	4008190108595	72.5 mm, Width: 24 mm, Depth: 12 mm, Basic material: Polyamide,
Qty.	1 ST	Polyamide 66, Deep black

## Earthing stud



Earthing bolts to exchange as a complete component in two versions – brass and stainless steel.

## General ordering data

Type	PEBZ M10 BR SET	Version
Order No.	<a href="#">1277220000</a>	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118067019	Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm,
Qty.	1 ST	Basic material: Brass

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**Accessories**

**Klippon® POK earthing stud**



The Klippon® POK enclosure range is made from a high-quality glass fibre reinforced polyester and is ideal for applications and environments where corrosion resistance, impact resistance and a high IP protection class are a requirement.

Key features of the extensive product range:

- Available in 17 sizes
- Two standard finishes (colours): grey (similar to RAL 7001 for industrial use) and black (similar to RAL 9011 for harsh environments, Ex)
- Cover with stainless steel screws in cross-head / slotted design
- Moulded gasket made of silicone or chloroprene
- Fixing holes outside the sealed area to ensure high ingress protection of IP66
- Impact resistance up to 7 Joules
- Mounting directly in the enclosure or using an internal mounting plate
- Direct wall mounting possible using fixing holes or mounting feet
- Fastening thread to attach mounting rails and plates
- Up to E60 fire rating dependent on the configuration
- Weidmüller can manufacture and supply this enclosure to match customer specifications - fitted with all necessary terminals and cable glands.

**General ordering data**

Type	PEBZ M10 S4 SET	Version
Order No.	<a href="#">1283440000</a>	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118073362	Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm,
Qty.	1 ST	Basic material: Stainless steel 1.4404 (316L)

**Earthing stud**

Earthing bolts to exchange as a complete component in two versions – brass and stainless steel.



**General ordering data**

Type	PEBZ M6 BR SET	Version
Order No.	<a href="#">1277250000</a>	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118067149	Miscellaneous, Height: 12.3 mm, Width: 12.3 mm, Depth: 42 mm,
Qty.	1 ST	Basic material: Brass
Type	PEBZ M6 S4 SET	Version
Order No.	<a href="#">1283430000</a>	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118073607	Miscellaneous, Height: 12.3 mm, Width: 12.3 mm, Depth: 42 mm,
Qty.	1 ST	Basic material: Stainless steel 1.4404 (316L)

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## Accessories

### Mounting plate



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### General ordering data

Type	MP TBF 30/30	Version
Order No.	<a href="#">9502730000</a>	TBF (polyester empty enclosure), Mounting plate, Mounting plate,
GTIN (EAN)	4032248002146	Height: 249 mm, Width: 249 mm, Depth: 2 mm, Basic material:
Qty.	1 ST	Sheet steel, galvanized, galvanized, silver

### Ventilation plugs - DAE



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

### General ordering data

Type	DAE M12 PA LONG	Version
Order No.	<a href="#">1868570000</a>	DAE (ventilation element), Compensating element, straight, M 12, 10
GTIN (EAN)	4032248440429	mm, IP66, IP68, IP69K, Polyamide 6
Qty.	10 ST	
Type	DAE M12 SS	Version
Order No.	<a href="#">1868550000</a>	DAE (ventilation element), Compensating element, straight, M 12, 10
GTIN (EAN)	4032248440405	mm, IP66, IP68, IP69K, Stainless steel 1.4305 (303)
Qty.	10 ST	