

TBF 60/60/21 TRSP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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: 603 mm, Width: 605 mm, Depth: 210 mm, Basic material: Glass fibre-reinforced polyester, untreated, Light Grey, Transparent
Order No.	9502870000
Type	TBF 60/60/21 TRSP
GTIN (EAN)	4032248032327
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	605 mm	Width (inches)	23.8189 inch
Net weight	7200 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	40	M12	88
M63	4	M40	6
M32	8	M25	20
M50	6	M16	48

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	8
Access opening: width	578 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

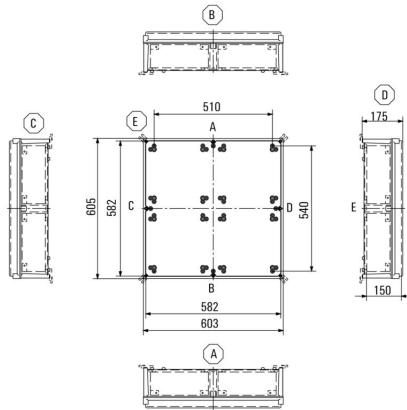
WDU 10 / ZDU 10	4x51	WDU 16 / ZDU 16	4x37
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x101	WDU 35 / ZDU 35	4x32
WDU 4 / ZDU 4	4x85	WDU 6 / ZDU 6	4x64

vertical assembly

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

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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Accessories

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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, 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.	1277220000	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.	1283440000	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)
Type	PEBZ M6 BR SET	Version
Order No.	1277250000	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

Earthing stud

Accessories



General ordering data

Type	PEBZ M6 S4 SET	Version
Order No.	1283430000	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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Mounting plate



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General ordering data

Type	MP TBF 60/60	Version	
Order No.	9502920000	TBF (polyester empty enclosure), Mounting plate, Mounting plate,	
GTIN (EAN)	4032248032334	Height: 550 mm, Width: 555 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.	1868570000	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.	1868550000	DAE (ventilation element), Compensating element, straight, M 12, 10	
GTIN (EAN)	4032248440405	mm, IP66, IP68, IP69K, Stainless steel 1.4305 (303)	
Qty.	10 ST		