

TBF 30/19/18 TRSP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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: 186 mm, Depth: 175 mm, Material: Glass fibre-reinforced polyester, untreated, Light Grey, Transparent
Order No.	0500600000
Type	TBF 30/19/18 TRSP
GTIN (EAN)	4032248008742
Qty.	1 pc(s).

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Technical data

Dimensions and weights

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

Temperatures

Operating temperature	-50 °C...130 °C
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Cable glands, right

M12	53	M16	30
M20	22	M25	10
M32	5	M40	3
M50	3	M63	2

Cable glands, top/bottom

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

Certificate numbers enclosure

Declaration of Conformity No. (DoC LVD)	DoC DE PS2422 230801 001ISS00
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General information

Access opening: height	278 mm	Access opening: width	162 mm
Areas of use	Building systems and technology, Transportation, Packaging industry, Machine construction	Enclosure attachment	6.5 mm hole in enclosure base
Flange plate	No	Impact resistance	IK08 in accordance with IEC 62208, IK10 in accordance with IEC 62262
Installation advice	Screw mounting	Integral fixing	4 or 6 stud bolts M6 inner (female) thread
Lid	Yes	Lid attachment	Crosshead nylon screws
Material	Glass fibre-reinforced polyester	Number of lid screws	4
Operating temperature, max.	130 °C	Operating temperature, min.	-50 °C
Protection degree	IP66	Seal material	Polyurethane
Standards	IEC 60529, EN 60529, EN 62208, EN/IEC 61439-2	Surface finish	untreated
Torque for lid screws	1.5 Nm	Toxicity	Free from halogens
UL 94 flammability rating	V-2		

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

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Technical data

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

Classifications

ETIM 6.0	EC000261	ETIM 7.0	EC000261
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ECLASS 9.0	27-18-01-01	ECLASS 9.1	27-18-92-90
ECLASS 10.0	27-18-01-01	ECLASS 11.0	27-18-01-01
ECLASS 12.0	27-18-01-01	ECLASS 13.0	27-18-01-01

Environmental Product Compliance

REACH SVHC /

Approvals

ROHS Conform

Downloads

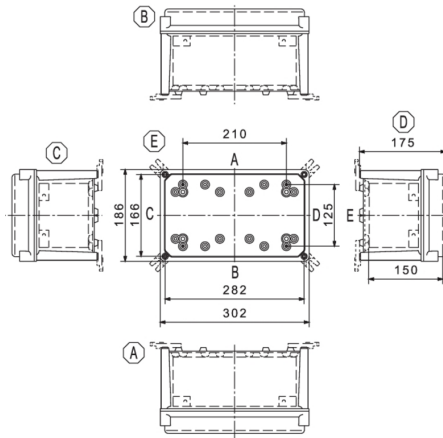
Approval/Certificate/Document of Conformity	EU Declaration of Conformity - TBF Empty Enclosures - DoC DE PS2420 220224 002ISS00
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings



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www.weidmueller.com**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, Height:
GTIN (EAN)	4008190108595	72.5 mm, Width: 24 mm, Depth: 12 mm, Material: Polyamide, Deep
Qty.	1 pc(s).	black

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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 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 pc(s).	Material: Brass
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 pc(s).	Material: Stainless steel 1.4404 (316L)
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 pc(s).	Material: Brass
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 pc(s).	Material: Stainless steel 1.4404 (316L)

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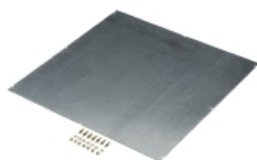
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Accessories

Mounting plate



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General ordering data

Type	MP TBF 30/19	Version
Order No.	3018950000	TBF (polyester empty enclosure), Mounting plate, Mounting plate,
GTIN (EAN)	4032248008759	Height: 249 mm, Width: 134 mm, Depth: 2 mm, Material: Sheet steel,
Qty.	1 pc(s).	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 pc(s).	
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 pc(s).	