TBF 30/30/18 7035

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
Order No.	0360300000
Type	TBF 30/30/18 7035
GTIN (EAN)	4032248002153
Qty.	1 items

TBF 30/30/18 7035

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	2420 g		

Temperatures

Operating temperature	-50 °C...130 °C	Continuous operating temp., max.	70 °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 Conformatiy 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	HB
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	IP67
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	4
Access opening: width	276 mm	Flange plate	No
Lid	Yes	Access opening: height	276 mm

Creation date 29.12.2025 10:22:14 MEZ

TBF 30/30/18 7035

Technical data

Areas of use	Building systems and technology, Transportation, Packaging industry, Machine construction		

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

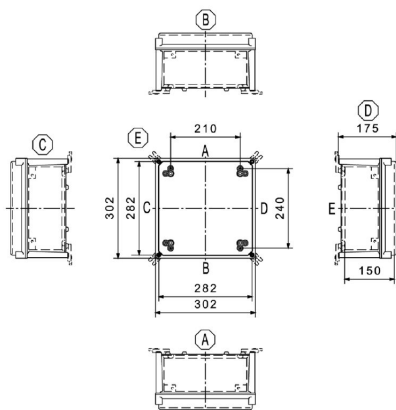|			
WDU 10 / ZDU 10	2x22	WDU 16 / ZDU 16	2x16
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x44	WDU 35 / ZDU 35	2x14
WDU 4 / ZDU 4	2x37	WDU 6 / ZDU 6	2x28

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		

TBF 30/30/18 7035

Drawings

TBF 30/30/18 7035

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, Basic material: Polyamide,
Qty.	1 ST	Polyamide 66, Deep black

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.

Accessories

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	

Earthing stud

Accessories

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)	

Klippon® POK earthing stud

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• 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.

TBF 30/30/18 7035

Accessories

General ordering data

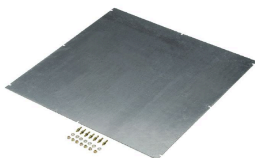| Type	PEBZ M6 BR SET	Version	
Order No.	1277250000	Klippon POK (polyester empty enclosure), Earthing stud,	
GTIN (EAN)	4050118067149	Miscellaneous, Height: 12.3 mm, Width: 12.3 mm, Depth: 42 mm,	
Qty.	1 ST	Basic material: Brass	

Earthing stud

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

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)	

Mounting plate

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General ordering data

Type	MP TBF 30/30	Version	
Order No.	9502730000	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	

Creation date 29.12.2025 10:22:14 MEZ

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Accessories

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		