

## TBF 60/60/18 7035

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Similar to illustration**

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: 175 mm, Basic material: Glass fibre-reinforced polyester, untreated, Light Grey
Order No.	<a href="#">9502830000</a>
Type	TBF 60/60/18 7035
GTIN (EAN)	4032248371143
Qty.	1 items

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## Technical data

## Approvals

RoHS	Conform
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## Dimensions and weights

Depth	175 mm	Depth (inches)	6.8898 inch
Height	603 mm	Height (inches)	23.7401 inch
Width	605 mm	Width (inches)	23.8189 inch
Net weight	7600 g		

## Temperatures

Operating temperature	-50 °C...130 °C
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## 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 Conformati No. (DoC LVD)	DoC DE PS2420 220224 002ISS01
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## 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	8
Access opening: width	578 mm	Flange plate	No
Lid	Yes	Access opening: height	578 mm

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**Technical data**

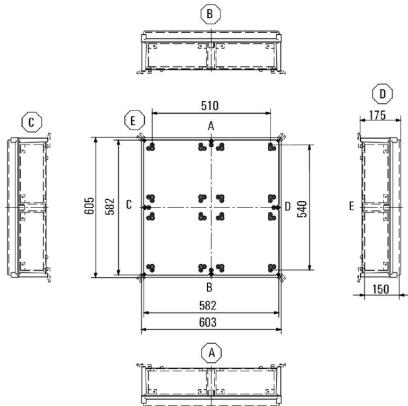
Areas of use	Building systems and technology, Transportation, Packaging industry, Machine construction		
<b>horizontal assembly</b>			
WDU 10 / ZDU 10	4x51	WDU 16 / ZDU 16	4x37
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x101	WDU 35 / ZDU 35	4x32
WDU 4 / ZDU 4	4x85	WDU 6 / ZDU 6	4x64
<b>vertical assembly</b>			
WDU 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
<b>Classifications</b>			
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



## 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,	
Oty.	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
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## Accessories

## 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

## Earthing stud

## Accessories



## 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)

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## Accessories

## 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

## 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.	<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)

## Mounting plate



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## General ordering data

Type	MP TBF 60/60	Version
Order No.	<a href="#">9502920000</a>	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

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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.	<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	