



Large polyester enclosures

The enclosures of the TBF series are made from robust glass fibre-reinforced polyester.

They provide universal solutions for housing a whole host of components such as regulators, measuring instruments, valves, etc.

Features:

- 9 sizes in 2 versions
- Cover with nylon screws
- Mounting holes located outside of the sealed area
- Threaded holes for mounting rails and mounting plates

Our assembly service can supply these enclosures preassembled with terminals and cable glands according to customer requirements.



Technical data

Material	Grey cover Transparent cover	Enclosure and cover of glass fibre-reinforced plastic (GRP) Enclosure base of glass fibre-reinforced plastic (GRP), cover of polycarbonate (PC)
Surface		Grey, similar to RAL 7036
Gasket		Polyurethane
Cover fixing		4 or 6 captive crosshead nylon screws
Equipment mounting		4 or 6 clamping screws M 4
Protection class	Grey cover Transparent cover	IP 67 IP 66
Impact resistance	Grey cover Transparent cover	4 J 7 J
Temperature range	Grey cover Transparent cover	-50 °C to + 150 °C -50 °C to +130 °C
Flammability	Grey cover Transparent cover	UL 94 HB V2
Toxicity		Halogen-free

Overview of enclosures

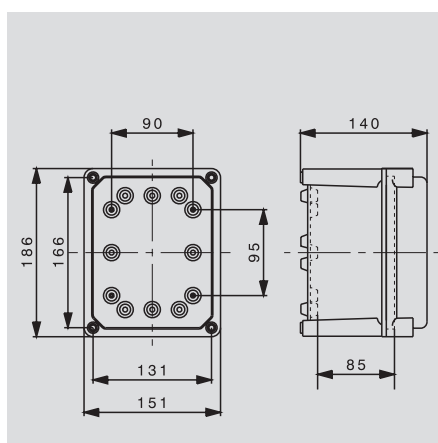
Type H x W x D	186 x 151 x 139	302 x 186 x 175	302 x 302 x 175	372 x 302 x 175	488 x 302 x 175/210	558 x 302 x 175/210
Grey cover	0360100000	0360200000	0360300000	0360400000	9502800000	9502810000
Transparent cover	0500500000	0500600000	0500700000	0500800000	9502840000	9502850000
Type H x W x D	603 x 302 x 175/210	603 x 372 x 175/210	603 x 603 x 175/210			
Grey cover	0360500000	9502820000	9502830000			
Transparent cover	0500900000	9502860000	9502870000			

Versatile polyester enclosure



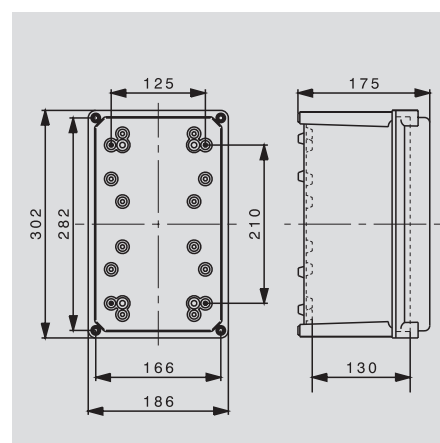
Height x Width x Depth mm

TBF 19/15



186 x 151 x 139

TBF 30/19



302 x 186 x 175

Technical data

Dimensions	
Interior depth	mm
Weight	g
Cable entries	
M16	
M20	
M25	
M32	
M40	
M50	
Terminal content	
WDU 2,5 / ZDU 2,5	
WDU 4 / ZDU 4	
WDU 6 / ZDU 6	
WDU 10 / ZDU 10	
Note	

85	
1055	
top / bottom	left / right
6	6
2	2
2	2
1	1
1	1
1x18	
1x15	
1x11	
1x9	

130	
1750	
top / bottom	left / right
14	30
11	22
6	10
3	5
1	3
1	3
1x44	
1x37	
1x28	
1x22	

Ordering data

Enclosure with grey lid
Enclosure with transparent lid
Note

Type	Order No.
TBF 19/15/14 7036	0360100000
TBF 19/15/14 trsp	0500500000

Type	Order No.
TBF 30/19/18 7036	0360200000
TBF 30/19/18 trsp	0500600000

Accessories

Mounting plate	
2 mm sheet steel	zinc-plated
External fixing lugs	
Set of 4 pieces each	polyamide
Earth stud	
M6	Brass
M6	stainless steel
M10	Brass
M10	stainless steel

Type	Qty.	Order No.
MP TBF 19/15	1	9502720000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000

Type	Qty.	Order No.
MP TBF 30/19	1	3018950000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000

Note

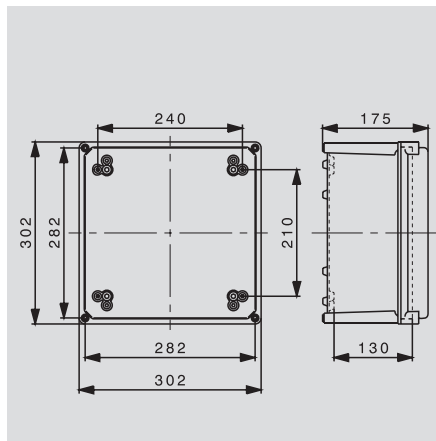
TBF - Polyester enclosures

Versatile polyester enclosure



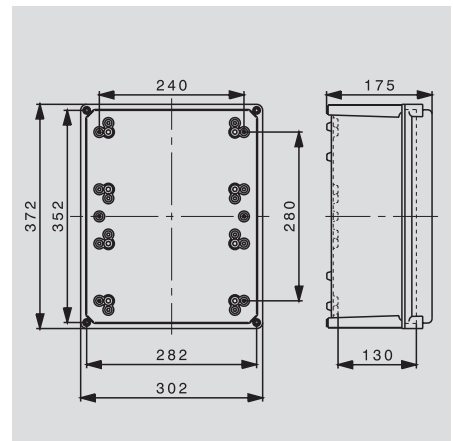
Height x Width x Depth mm

TBF 30/30



302 x 302 x 175

TBF 37/30



372 x 302 x 175

Technical data

Dimensions

Interior depth	mm
Weight	g

Cable entries

M16	
M20	
M25	
M32	
M40	
M50	

Terminal content

WDU 2,5 / ZDU 2,5
WDU 4 / ZDU 4
WDU 6 / ZDU 6
WDU 10 / ZDU 10

Note

top / bottom	left / right
24	24
20	20
10	10
4	4
3	3
3	3

1x44
1x37
1x28
1x22

130
2900

top / bottom	left / right
24	30
20	27
10	12
4	5
3	4
3	4

2x44
2x37
2x28
2x22

Ordering data

Enclosure with grey lid
Enclosure with transparent lid

Note

Type	Order No.
TBF 30/30/18 7036	0360300000
TBF 30/30/18 trsp	0500700000

Type	Order No.
TBF 37/30/18 7036	0360400000
TBF 37/30/18 trsp	0500800000

Accessories

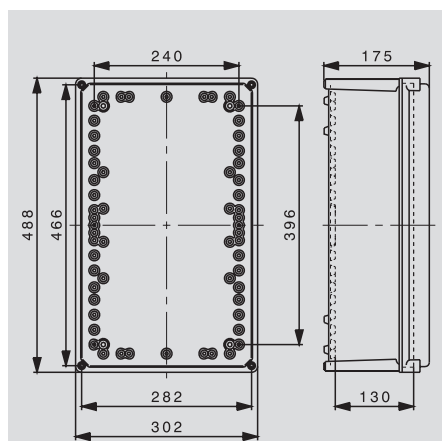
Mounting plate	
2 mm sheet steel	zinc-plated
External fixing lugs	
Set of 4 pieces each	polyamide
Earth stud	
M6	Brass
M6	stainless steel
M10	Brass
M10	stainless steel

Type	Qty.	Order No.
MP TBF 30/30	1	9502730000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000

Type	Qty.	Order No.
MP TBF 37/30	1	9502740000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000

Note

TBF 49/30



488 x 302 x 175 / 210

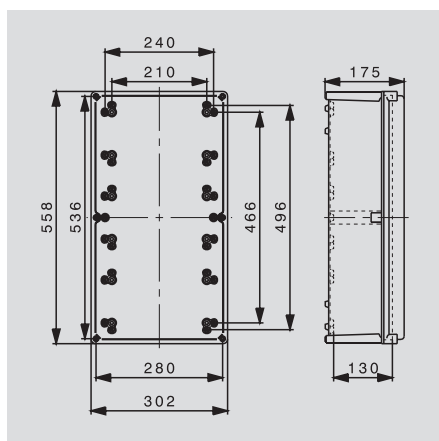
130	
3760	
top / bottom	left / right
24	42
20	36
10	18
4	7
3	5
3	5
3x44	
3x37	
3x28	
3x22	

Grey cover: 130 mm internal height, 175 mm total height
Transparent cover: 160mm internal height, 210 mm total height

Type	Order No.
TBF 49/30/18 7036	9502800000
TBF 49/30/21 trsp	9502840000

Type	Qty.	Order No.
MP TBF 49/30	1	9500960000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000

TBF 56/30



558 x 302 x 175 / 210

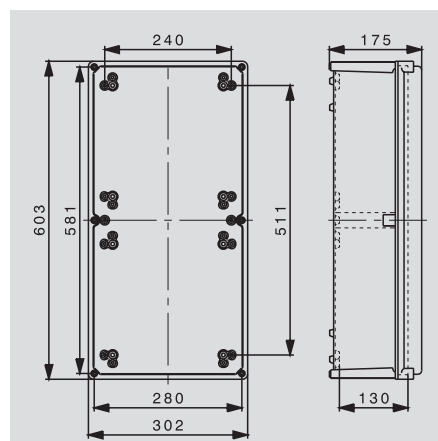
140	
3970	
top / bottom	left / right
24	46
20	40
10	18
4	8
3	6
3	4
4x44	
4x37	
4x28	
4x22	

Grey cover: 130 mm internal height, 175 mm total height
Transparent cover: 160mm internal height, 210 mm total height

Type	Order No.
TBF 56/30/18 7036	9502810000
TBF 56/30/21 trsp	9502850000

Type	Qty.	Order No.
MP TBF 56/30	1	9500950000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000

TBF 60/30



603 x 302 x 175 / 210

140	
4380	
top / bottom	left / right
24	48
20	40
10	20
4	8
3	6
3	6
1x101	
1x85	
1x64	
1x51	

Grey cover: 130 mm internal height, 175 mm total height
Transparent cover: 160mm internal height, 210 mm total height

Type	Order No.
TBF 60/30/18 7036	0360500000
TBF 60/30/21 trsp	0500900000

Type	Qty.	Order No.
MP TBF 60/30	1	9502750000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000

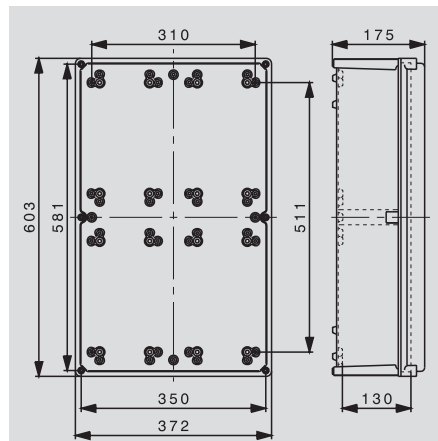
TBF - Polyester enclosures

Versatile polyester enclosure



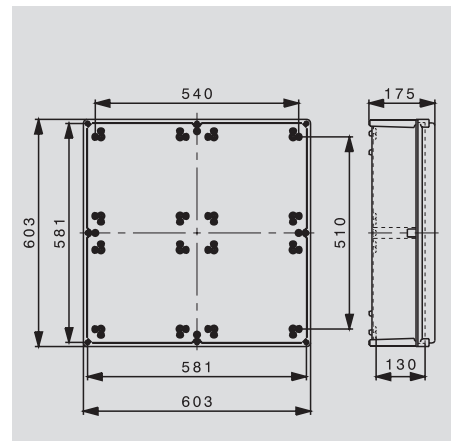
Height x Width x Depth mm

TBF 60/37



603 x 372 x 175 / 210

TBF 60/60



603 x 603 x 175 / 210

Technical data

Dimensions	
Interior depth	mm
Weight	g
Cable entries	
M16	
M20	
M25	
M32	
M40	
M50	
Terminal content	
WDU 2,5 / ZDU 2,5	
WDU 4 / ZDU 4	
WDU 6 / ZDU 6	
WDU 10 / ZDU 10	
Note	

140	
5350	
top / bottom	left / right
30	48
26	40
12	20
5	8
4	6
4	6
2x101	
2x85	
2x64	
2x51	
Note	
Grey cover: 130 mm internal height, 175 mm total height Transparent cover: 160mm internal height, 210 mm total height	

140	
7400	
top / bottom	left / right
48	48
40	40
20	20
8	8
6	6
6	6
4x101	
4x85	
4x64	
4x51	
Note	
Grey cover: 130 mm internal height, 175 mm total height Transparent cover: 160mm internal height, 210 mm total height	

Ordering data

Enclosure with grey lid	
Enclosure with transparent lid	
Note	

Type	Order No.
TBF 60/37/18 7036	9502820000
TBF 60/37/21 trsp	9502860000

Type	Order No.
TBF 60/60/18 7036	9502830000
TBF 60/60/21 trsp	9502870000

Accessories

Mounting plate	
2 mm sheet steel	zinc-plated
External fixing lugs	
Set of 4 pieces each	polyamide
Earth stud	
M6	Brass
M6	stainless steel
M10	Brass
M10	stainless steel

Type	Qty.	Order No.
MP TBF 60/37	1	9502910000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000

Type	Qty.	Order No.
MP TBF 60/60	1	9502920000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000

Note