

TB-Series

Sheet steel enclosures

For many years the TB-Series of enclosures has proven its worth in rough industrial environments. Here it offers the same technical features as the NextT-Series.

The stainless steel versions of this series are recommended for corrosion protection.

Features:

- 6 sizes in 2 material versions
- 2 or 4 gland plates
- Lid opens 180°
- Concealed hinges
- Internal/External earthing stud
- Fixing lugs

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



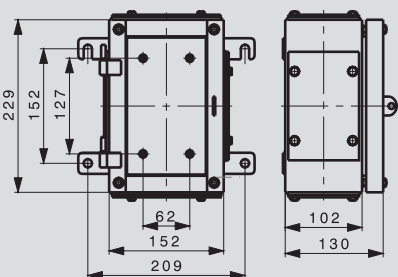
Technical data		
Material	TB 10-12G	Sheet steel or stainless steel 316L 1.4404 1.50 mm
	TB13-14	Sheet steel or stainless steel 316L 1.4404 2.03 mm (14 SWG)
	Gland	Sheet steel or stainless steel 316L 1.4404 3.25 mm (10 SWG)
Surface	Painted	RAL 7032
	Stainless steel	Polished, chemically dipped
Gasket		Chloroprene (lid and gland plate)
Lid fixing		Fully detachable hinged lid with 4 or 6 captive hexagon screws
Earthing		Internal/External earthing stud M10
Enclosure mounting		4 external lugs with 10 mm spacing holes/slots
Equipment mounting		4 spacers, external diameter 10 mm, M 6x10 mm thread
Protection class		IP 66
Impact resistance		7J
Temperature range		-40°C to +85°C, 100°C for 1 h

Approvals	
BAS 01ATEX2209 U	
II 2 GD EEx e II	
BAS 01ATEX2210 X	
II 2 GD T85°C EEx e II T6	
cULus listed	

Sheet steel enclosures for harsh environments

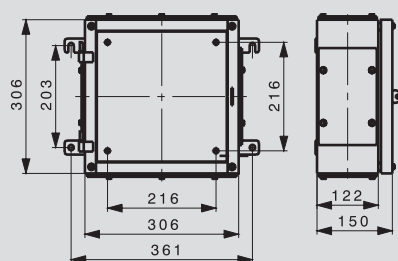


TB 10



229 x 152 x 130 (9.01 x 5.98 x 5.12)

TB 11



306 x 306 x 150 (12.05 x 12.05 x 5.90)

Height x Width x Depth mm (in)

Technical data

Dimensions

Inner height	mm	100
Weight	g	3375

Cable entries

M16	
M20	
M25	
M32	
M40	
M50	

Top / Bottom	Left / Right
8	8
6	6
3	3
2	2
1	1

Terminal equipment content

WDU 2.5 / ZDU 2.5
WDU 4 / ZDU 4
WDU 6 / ZDU 6
WDU 10 / ZDU 10
Refer to the Terminal Content Guide Depending on the Cable Size and Permitted Current, page E.1.

Vertical	Horizontal
1 x 9	
1 x 8	
1 x 6	
1 x 4	

Information

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Ordering data

Painted

- 1 gland plate
- 2 gland sides (top and bottom)
- 3 gland plate
- 4 gland sides (all sides)

Stainless steel

- 1 gland plate
- 2 gland sides (top and bottom)
- 3 gland plate
- 4 gland sides (all sides)

Information

Type

TB10 1GP Box Paint	9506510000
TB10 2GP BOX PAINT	3802800000
TB10 3GP Box Paint	9506520000
TB10 4GP BOX PAINT	3801100000

TB10 1GP ST/ST	9505660000
TB10 2GP ST/ST	3800600000
TB10 3GP ST/ST	9506560000
TB10 4GP ST/ST	3802100000

Type

TB11 1GP Box Paint	9506590000
TB11 2GP BOX PAINT	3802900000
TB11 3GP Box Paint	9506580000
TB11 4GP BOX PAINT	3801200000

TB11 1GP ST/ST	9506610000
TB11 2GP ST/ST	3800700000
TB11 3GP ST/ST	9506620000
TB11 4GP ST/ST	3802200000

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Accessories

Mounting plate

	Painted, RAL 2000
	Stainless steel

Spacer M6

Set of 2 pieces each	15 mm
	20 mm
	30 mm

Other accessories

- Padlock, brass, with 2 keys
- Screwdriver, hexagon 10 mm, insulated
- Screwdriver, hexagon 10 mm, non-insulated
- Mounting Rail
- Mounting Rail
- Screw
- Slide Nut for TAS20
- Slide Nut Screw
- Slide Nut Washer

Information

Type	Qty.	Order No.
MP Next 22/15 2000	1	9513370000
MP Next 22/15 ss	1	9513320000
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000
TS 35x7.5 2m	1	0383400000
TAS 20 Support Rail 2m	1	0316400000
6mm Allen Type	1	67101424
Nut (5mm)	1	0433500000
Screw (5mm)	1	67101421
Lock Washer	1	67101422

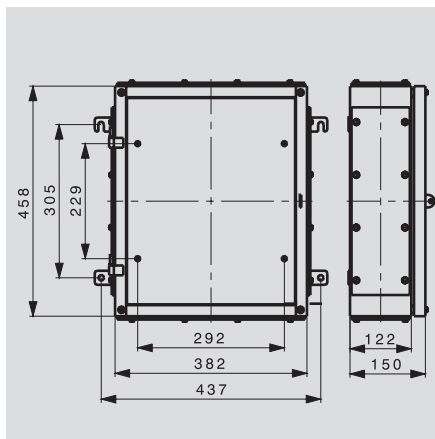
Type	Qty.	Order No.
MP Next 30/30 2000	1	9513380000
MP Next 30/30 ss	1	9513330000
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000
TS 35x7.5 2m	1	0383400000
TAS 20 Support Rail 2m	1	0316400000
6mm Allen Type	1	67101424
Nut (5mm)	1	0433500000
Screw (5mm)	1	67101421
Lock Washer	1	67101422

TB-Series

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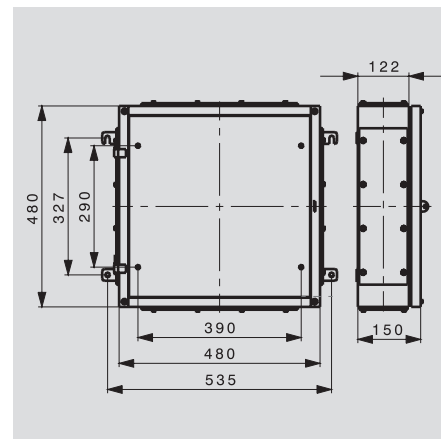


TB 12



458 x 382 x 150 (18.03 x 15.04 x 5.90)

TB 12a



480 x 480 x 150 (18.90 x 18.90 x 5.90)

Technical data

Dimensions	
Inner height	mm
Weight	g
Cable entries	
M16	
M20	
M25	
M32	
M40	
M50	

Terminal equipment content	
WDU 2.5 / ZDU 2.5	
WDU 4 / ZDU 4	
WDU 6 / ZDU 6	
WDU 10 / ZDU 10	
Refer to the Terminal Content Guide Depending on the Cable Size and Permitted Current, page E.1.	

Information

Dimensions	
120	
10249	
Top / Bottom	Left / Right
41	41
22	22
18	18
7	7
5	5
4	4

Vertical	Horizontal
4 x 54	3 x 70
4 x 45	3 x 59
4 x 35	3 x 45
4 x 28	3 x 36

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Dimensions	
120	
10400	
Top / Bottom	Left / Right
41	41
22	22
18	18
7	7
5	5
4	4

Vertical	Horizontal
4 x 73	4 x 75
4 x 61	4 x 62
4 x 47	4 x 48
4 x 38	4 x 38

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Ordering data

Painted	
1 gland plate	
2 gland sides (top and bottom)	
3 gland plate	
4 gland sides (all sides)	
Stainless steel	
1 gland plate	
2 gland sides (top and bottom)	
3 gland plate	
4 gland sides (all sides)	

Information

Type	
TB12 1GP Box Paint	9506630000
TB12 PAINTED 2GP	3803000000
TB12 3GP Box Paint	9506640000
TB12 4GP BOX PAINT	3801300000
Type	
TB12 1GP ST/ST	9506670000
TB12 ST/ST 2GP	3800800000
TB12 3GP ST/ST	9506680000
TB12 4GP ST/ST	3802300000

Type	
TB12A 1GP Box Paint	9517920000
TB12A 2gpl ptd	9504000000
TB12A 3GP Box Paint	9517930000
TB12A 4GP BOX PAINT	9517940000
Type	
TB12A 1GP ST/ST	9518000000
TB12A 2gpl s/s	9500010000
TB12A 3GP ST/ST	9518010000
TB12A 4GP ST/ST	9518020000

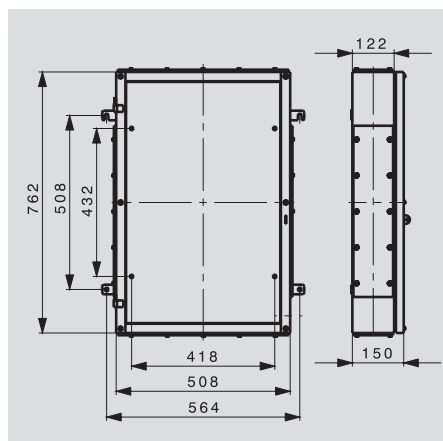
Accessories

Mounting plate	
Painted, RAL 2000	
Stainless steel	
Spacer M6	
Set of 2 pieces each	15 mm
	20 mm
	30 mm
Other accessories	
Padlock, brass, with 2 keys	
Screwdriver, hexagon 10 mm, insulated	
Screwdriver, hexagon 10 mm, non-insulated	
Mounting Rail	
Mounting Rail	
Screw	
Slide Nut for TAS20	
Slide Nut Screw	
Slide Nut Washer	
Information	

Type	Qty.	Order No.
MP Next 45/38 2000	1	9513390000
MP Next 45/38 ss	1	9513340000
Type		
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Type		
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000
TS 35x7.5 2m	1	0383400000
TAS 20 Support Rail 2m	1	0316400000
6mm Allen Type	1	67101424
Nut (5mm)	1	0433500000
Screw (5mm)	1	67101421
Lock Washer	1	67101422

Type	Qty.	Order No.
MP Next 48/48 2000	1	9518190000
MP Next 30/30 ss	1	9518180000
Type		
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Type		
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000
TS 35x7.5 2m	1	0383400000
TAS 20 Support Rail 2m	1	0316400000
6mm Allen Type	1	67101424
Nut (5mm)	1	0433500000
Screw (5mm)	1	67101421
Lock Washer	1	67101422

TB 13



762 x 508 x 150 (30 x 20 x 5.90)

120
22170

Top / Bottom	Left / Right
56	56
30	30
24	24
9	9
8	8
6	6

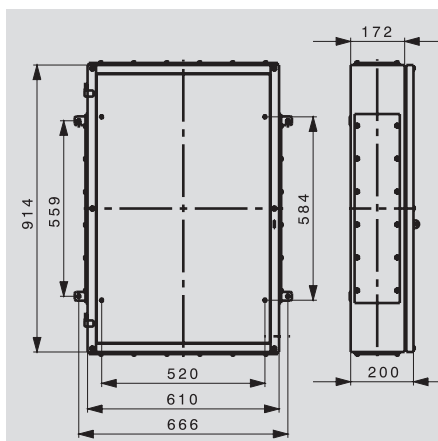
Vertical	Horizontal
7 x 79	4 x 128
7 x 66	4 x 107
7 x 51	4 x 82
7 x 40	4 x 66

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Type	
TB13 1GP Box Paint	9506690000
TB13 PAINTED 2GP	3803100000
TB13 3GP Box Paint	9506700000
TB13 4GP BOX PAINT	3801400000
TB13 1GP ST/ST	9506730000
TB13 ST/ST 2GP	3800900000
TB13 3GP ST/ST	9506740000
TB13 4GP ST/ST	3802400000

Type	Qty.	Order No.
MP Next 75/50 2000	1	9513400000
MP Next 76/50 ss	1	9513350000
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000
TS 35x7.5 2m	1	0383400000
TAS 20 Support Rail 2m	1	0316400000
6mm Allen Type	1	67101424
Nut (5mm)	1	0433500000
Screw (5mm)	1	67101421
Lock Washer	1	67101422

TB 14



914 x 610 x 200 (35.98 x 24.01 x 7.87)

172
31000

Top / Bottom	Left / Right
69	69
36	36
30	30
12	12
9	9
7	7

Vertical	Horizontal
8 x 99	5 x 157
8 x 83	5 x 132
8 x 64	5 x 101
8 x 51	5 x 81

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Type	
TB14 1GP Box Paint	9506750000
TB14/5 2GP BOX PAINT	3803200000
TB14 3GP Box Paint	9506760000
TB14 4gpl ptd	3801500000
TB14 1GP ST/ST	9506790000
TB14 2gpl s/s	3801000000
TB14 3GP ST/ST	9506800000
TB14 4GP ST/ST	3802500000

Type	Qty.	Order No.
MP Next 30/30 2000	1	9513410000
MP Next 30/30 ss	1	9513360000
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000
TS 35x7.5 2m	1	0383400000
TAS 20 Support Rail 2m	1	0316400000
6mm Allen Type	1	67101424
Nut (5mm)	1	0433500000
Screw (5mm)	1	67101421
Lock Washer	1	67101422