

# Atlantic stainless steel enclosures

## technical characteristics (continued)

### ■ Technical information

Stainless steel enclosures provide a solution in harsh, aggressive environments such as chemical plants or offshore

#### Corrosion resistance

	304 L	316 L
To salt spray (SS)	1 000 hrs	2 000 hrs
To sulphur dioxide (SO <sub>2</sub> )	500 hrs	1 000 hrs

#### Brushed stainless steel finish

- Polygrain 180
- Ra 0.25 to 0.35 µm
- Rt 2.5 to 4 µm

#### Stainless steel properties

**304 L** : Provides good resistance to :

- nitric acid at concentrations of 52 % or less at all temperatures (or 98 % when cold)
- cold dilute organic acids
- alkaline solutions (unless hot or above 50 %)
- saline solutions except chlorides, sulphides and sulphates
- fresh water and natural atmosphere low in chlorides
- food products (except mustard and white wine)

**316 L** : Provides good resistance to :

- phosphoric acids - all concentrations ≤ 40 °C
- sulphuric acids < 10 % and > 80 % at 20 °C
- sulphuric compounds ≤ 70 °C
- sulphuric vapours and solutions, even boiling
- salt solutions except chloride
- alkaline solutions - all concentrations < 100 °C
- fresh water and natural atmosphere (particularly marine conditions)
- organic, food and pharmaceutical compounds



Plates, internal doors, chassis and equipment p. 16-19

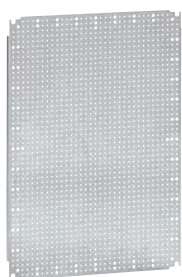


# plain and perforated plates

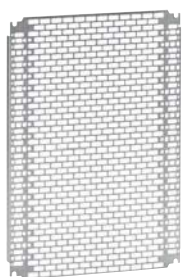
for Atlantic and Atlantic stainless steel enclosures



0360 58



0360 31



0360 18



Lina 12.5 plate  
Cat. No. 0360 22 vertical  
mounting inside Atlantic  
enclosure Cat. No. 0369 26



Lina 12.5 plate Cat. No. 0360 22  
horizontal mounting inside Atlantic  
enclosure Cat. No. 0369 77

Enclosure and equipment selection chart **p. 8-9**  
Technical characteristics **p. 17**

Pack	Cat. Nos.	Plain plates				
		Galvanised steel Vertical mounting for enclosures			Horizontal mounting for enclosures	
		Height (mm)	Width (mm)	Weight (kg)	Height (mm)	Width (mm)
1	0360 50	300	200	0.6	-	-
1	0360 69	300	300	1	-	-
1	0360 52	400	300	1.3	300	400
1	0360 70	400	400	1.7	-	-
1	0360 55	500	400	2.7	-	-
1	0360 71	500	500	3.5	-	-
1	0360 56	600	400	3.3	400	600
1	0360 84	600	500	4.9	-	-
1	0360 57	600	600	6.2	-	-
1	0360 54	600	1000	10.6	1000	600
1	0360 58	700	500	6	-	-
1	0360 59	800	600	8.4	600	800
1	0360 60	800	800	11.4	-	-
1	0360 61	800	1000	14.4	1000	800
1	0360 85	1200	600	12.1	-	-
1	0360 64	1200	800	18.5	-	-
1	0360 65	1200	1000	23	1000	1200
1	0360 67	1400	800	26.4	-	-

		Lina 12.5 plates				
		Galvanised steel With drilling for fixing equipment without marking Automatic bracket: - Ø6.5 mm for plastic rivet Cat. No. 0366 44 (trunking) - Ø3.3 mm for equipment with screw Cat. No. 0347 45				
		Vertical mounting for enclosures			Horizontal mounting for enclosures	
		Height (mm)	Width (mm)	Weight (kg)	Height (mm)	Width (mm)
1	0360 00	300	200	0.4	-	-
1	0360 02	300	300	0.6	-	-
1	0360 04	400	300	0.8	300	400
1	0360 05	400	400	1.1	-	-
1	0360 09	500	400	1.5	-	-
1	0360 14	500	500	1.85	-	-
1	0360 22	600	400	2.2	400	600
1	0360 24	600	600	3.7	-	-
1	0360 40	600	1000	6.8	1000	600
1	0360 31	700	500	3.7	-	-
1	0360 33	800	600	5.2	600	800
1	0360 34	800	800	7	-	-
1	0360 42	1000	800	9.2	800	1000
1	0360 46	1200	800	11.1	-	-
1	0360 47	1200	1000	13.9	1000	1200
1	0360 75	1400	800	13	-	-

Pack	Cat. Nos.	Lina 25 perforated plates	
		Galvanised steel Common for all types of enclosures	
		For enclosures Height x Width (mm)	Weight (kg)
1	0360 07	300 x 200	0.4
1	0360 91	300 x 300	0.5
1	0360 11	300 x 400	0.6
1	0360 12	400 x 300	0.6
1	0360 92	400 x 400	0.8
1	0360 13	400 x 600	1.1
1	0360 15	500 x 400	0.9
1	0360 93	500 x 500	1.1
1	0360 16	600 x 400	1.3
1	0360 17	600 x 600	2.1
1	0360 06	600 x 800	3.1
1	0360 08	600 x 1000	3.7
1	0360 18	700 x 500	2
1	0360 19	800 x 600	3.1
1	0360 20	800 x 800	4
1	0360 94	800 x 1000	5
1	0360 23	1000 x 600	3.7
1	0360 21	1000 x 800	4.9
1	0360 10	1000 x 1200	8.5
1	0360 87	1200 x 800	7.1
1	0360 90	1400 x 800	7.8

For fixing accessories  
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Download the full file at

<http://assets.kempstoncontrols.com/doc/Atlantic%20New%20IP66%20Metal%20Enclosures.pdf>



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