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### 1. GENERAL CHARACTERISTICS

Grey polyester enclosures RAL 7035, IP 66 according to IEC EN 60529 - IK 10 according to IEC EN 62262 (EN 50102) - Class II, particularly suited to corrosive atmospheres.  
 Reinforced protection with roof.  
 Enclosure fixes to the ground with plinth Cat. No. 0 362 96.

### 2. RANGE

Cat. No.	Exterior dimensions			Metal enclosure equivalents		
	Height (mm)	Width (mm)	Depth (mm)	Height (mm)	Width (mm)	Depth (mm)
0 362 85	1460	800	463	1400	800	400
0 362 86	1660	800	463	1600	800	400
0 362 87	1860	800	463	1800	800	400

### 3. TECHNICAL CHARACTERISTICS

#### ■ 3.1 Structure

- Polyester resin RAL 7035 reinforced with glass fibre (SMC), hot polymerized,
- One-piece body, with glued base and a protective overhanging strip on the upper front edge,
- Openings in the lower part, delivered with cable entry plates,
- Reversible door equipped with cable holder and stainless steel hinges and pins,
- Seal 16 x 10 EPDM,
- Opening 180°,
- Three-point closure with handle equipped with a European half-cylinder lock 2433 A,
- Delivered with mounting kit for total plates or sectioned uprights,
- Equipment depth adjustment.

#### ■ 3.2 Protection ratings, insulation class

- IP 66 according to IEC EN 60529: fully protected against dust and fully protected against jets of water of similar force to heavy seas,
- IK 10 according to IEC EN 62262: protected against mechanical impacts with an energy of 20 joules,
- Complies with the standard IEC EN 62208,
- Class II: allows construction of totally insulated assemblies according to IEC EN 61439-1.  
 Except with lifting rings.
- Isolation voltage: 1000 V

### 3. TECHNICAL CHARACTERISTICS (continued)

#### ■ 3.3 Mechanical resistance

- Max. load: 500 Kg / m<sup>2</sup>,
- Max. load on door: 45 Kg.

#### ■ 3.4 Resistance to climatic conditions

- Operating temperature: - 40°C to + 85°C (+ 100°C peak),
- Relative humidity of 4 to 100 %,
- Salt mist according to ISO 9227 (NSS test) and IEC EN 60068-2-11 (Ka test): 1500 hours,
- Sulphur dioxide (SO<sub>2</sub>) with condensation according to ISO 6988: 500 hours,
- Ultraviolet (UV) resistance: exposure of 240 hours according to EN ISO 4892-2 (method A) with iE < 2.5 (colorimetric variation)..

#### ■ 3.5 Fire behaviour

- Resistance to glow wire according to IEC EN 60695-2-11: 960°C,
- Limiting oxygen index (LOI) according to EN ISO 4589 / ASTM D 2863: 22 %,
- Halogen free.

#### ■ 3.6 Resistance to chemical agents

Resistance at ambient temperature to risk of exposure by spraying.

- ++ : Excellent resistance (continuous exposure)
- + : Good resistance (prolonged exposure)
- : Limited resistance (temporary exposure possible)
- : Low resistance (avoid exposure).

Aqueous solutions	Cold water	++
	Hot water	+
	Vapor	-
	Saltwater 5 %	+
	Hydrogen peroxide	-
	Water + detergent	+
	Water + surfactants	+
Alcohols	Aldehyde	-
	Ethanol	+
	Methyl alcohol	+
	Propanol	+
Glycols	Butanol	+
	Ethylene glycol	+
Carbolic		-
Cresols		-

### 3. TECHNICAL CHARACTERISTICS (continued)

#### ■ 3.6 Resistance to chemical agents (continued)

Bases	Ammonia	+	
	Sodium hydroxide	+	
	Sodium hypochlorite	+	
	Potassium hydroxide	+	
Strong oxidant acids	Acetic acid	+	
	Nitric acid 5 %	+	
	Sulfuric acid 30 %	+	
	Muriatic acid 30 %	+	
	Perchloric acid 70 %	++	
	Hydrofluoric acid 70 %	--	
	Chromic acid 50 %	-	
	Phosphoric acid 30 % +		
Weak acids	Diluted acetic acid < 25 %	+	
	Citric acid	++	
	Lactic acid	++	
	Formic acid	+	
	Uric acid	+	
Oils and greases	From of animal origins	Lard	++
		Butter and cream	++
	From of vegetable origins	Linseed oil	++
		Peanut and olive	++
		Castor oil	++
		Glycerin	+
	From of mineral origins	Paraffin	++
		Engin oil	+
		Silicon oil	++
		Machine oils	++
		Hydraulic fluid	+
	Hydrocarbons	Unleaded gas	+
Diesel oil		++	
Kerosene		++	
White spirit		++	
Chlorinated solvents	Trichloroethylene	--	
	Trichloroethane	-	
	Perchloroethylene	--	
	Methylene chloride	--	
	Carbon tetrachloride	--	
	Chloroform	-	
Aromatic solvents	Benzene	+	
	Toluene	-	
	Xylene	+	
Aliphatic solvents	Hexane	++	
	Heptane	++	
Fluoride solvents	Trichlorofluoromethane	--	
Ketones	Acetone	-	
	Methyl ethyl ketone	-	
	Ethyl acetate	-	
Terpenes	Turpentine	-	

#### ■ 3.7 Painting aptitude

After sanding with abrasive paper (grain 400 to 600) and degreasing, Marina enclosures can be painted with a two-part polyurethane paint. The application of a primer coat allows the use of any type of paint.

### 4. HEAT DISSIPATION CAPACITY

Determined by testing the max. capacity of a cabinet to dissipate heat according to standard IEC 62208-1.

#### Configuration 1 (C1) :

All outer surfaces of the cabinet are clear and not in contact with anything (floor standing, on stand or frame for example).

#### Configuration 2 (C2) :

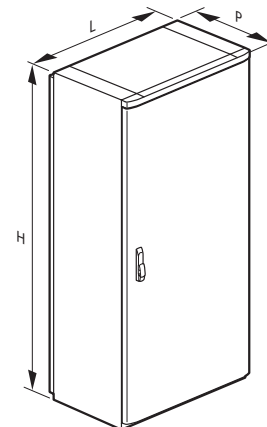
The rear surface is in contact with a wall, all other surfaces are clear (standard case of wall mounting for example).

For other installation configurations, please consult us.

Cat. No.	Dimensions (H x W x D) (mm)	Delta T (K)	Max. power that can be dissipated (W)	Configuration
0 362 85	1400 x 800 x 400	40	820	C1
			620	C2
0 362 86	1600 x 800 x 400	40	920	C1
			695	C2
0 362 87	1800 x 800 x 400	40	1000	C1
			762	C2

### 5. DIMENSIONS

#### ■ 5.1 Overall dimensions / Weight

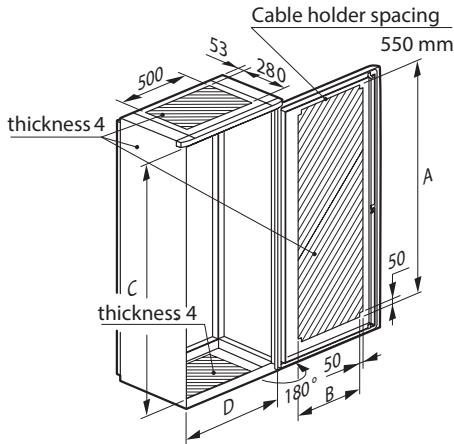


Cat. No.	Overall dimensions H x W x D (mm)	Weight (Kg)
0 362 85	1460 x 800 x 463 <sup>(1)</sup>	49
0 362 86	1660 x 800 x 463 <sup>(1)</sup>	53
0 362 87	1860 x 800 x 463 <sup>(1)</sup>	57

<sup>(1)</sup> 487 with handle

**5. DIMENSIONS (continued)**

**5.2 Useable dimensions**



Cat. No.	Useable dimensions (mm)			
	A	B	C	D
0 362 85	1230	530	1300	700
0 362 86	1430	530	1500	700
0 362 87	1630	530	1700	700

**5.3 Equipment fixing**

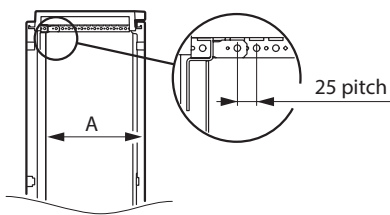


Plate (mm)		Partial plate (mm)		Chassis with rail (mm)	
A max.	A min.	A max.	A min.	A max.	A min.
379	109	359	84	372	97

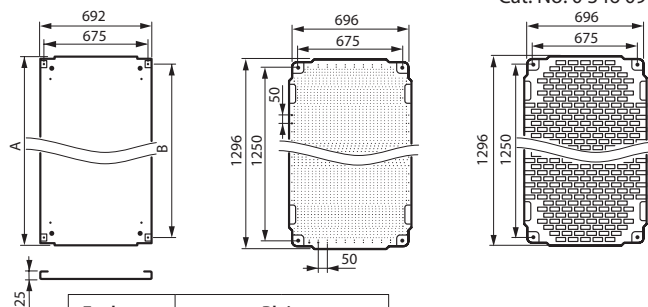
**6. EQUIPMENT**

**6.1 Lina 12.5 plain plates and Lina 25 perforated plates**

Plain plate

Lina 12.5 plate  
Cat. No. 0 346 08

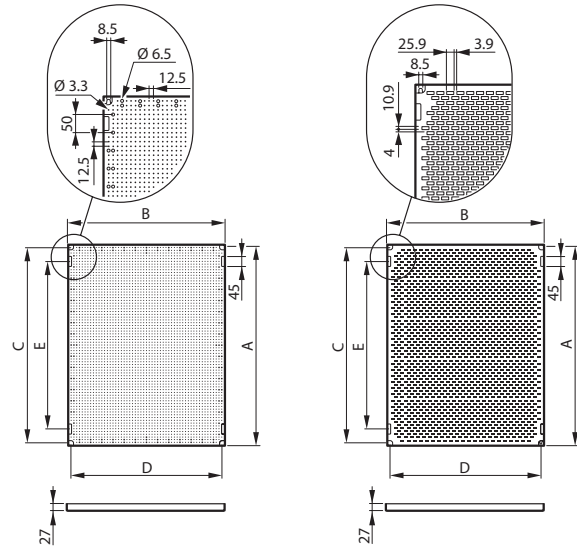
Lina 12.5  
perforated plate  
Cat. No. 0 346 09



Enclosure height (mm)	Plain	
	A	B
1400	1292	1225
1600	1492	1425
1800	1692	1625

**6. EQUIPMENT (continued)**

**6.2 Lina 12.5 partial plates and Lina 25 perforated plates**

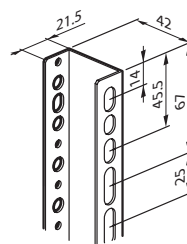


Dimensions enclosures H x W	Lina 12.5 partial plates and Lina 25 perforated plates					
	A	B	C	D	E	Area (dm <sup>2</sup> )
800 x 800	703	703	675	675	550	49
1000 x 1000	903	903	875	875	750	82

**6.3 Choice of plates**

Plates	Enclosures H. 1400 mm	Enclosures H. 1600 mm	Enclosures H. 1800 mm
Plain	0 349 59	0 349 50	0 344 18
Lina 12.5	0 346 08	2 x 0 481 40 + uprights 0 363 91	0 481 43 + 0 481 40 + uprights 0 363 92
Lina 25 perforated	0 346 09	2 x 0 474 90 + uprights 0 363 91	0 474 90 + 0 474 95 + uprights 0 363 92

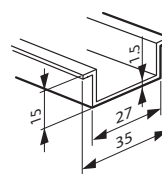
**6.4 Sectioned uprights**



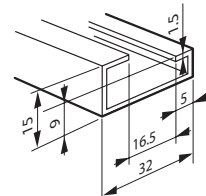
Cat. No.	Height (mm)	Length (mm)
0 363 90	1400	1284
0 363 91	1600	1484
0 363 92	1800	1684

**6.5 Rails**

Cat. No. 0 477 28



Cat. No. 0 374 02



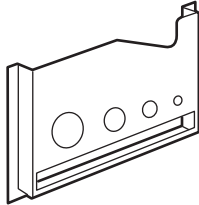
Length 2m for cutting



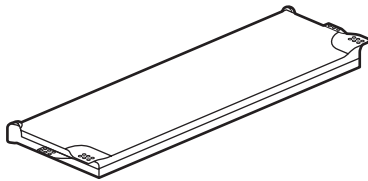
**7. ACCESSORIES** (continued)

**7.4 Carrying accessories**

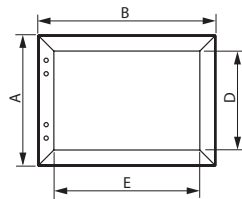
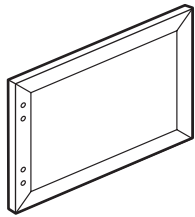
- Cat. No. 0 365 80, 340 x 235 mm (Interior dimensions: 310 x 200 x 18 mm) and Cat. No. 0 365 81, 260 x 165 mm (Interior dimensions: 230 x 130 x 18 mm).  
Openings, RAL 7035



- Cat. No. 0 365 82, 325 x 120 mm (Interior dimensions: 324 x 120 x 18 mm).  
Closed IP 50, RAL 9002.  
Capacity to hold approx. fifteen A4 sheets folded in half.



**7.5 Glass doors Cat. No(s) 0 475 45 / 46 / 47 / 48 / 49**



Cat. No.	Dimensions			
	A	B	C	D
0 475 45	300	400	230	330
0 475 46	400	400	330	330
0 475 47	500	500	430	430
0 475 48	600	400	530	330
0 475 49	600	600	530	530

**IP 54 according to IEC EN 60529 - IK 07**

According to the standard NF EN 62262  
Anodised aluminium frame, 150° opening angle  
Polycarbonate window thickness 3 mm. Neoprene seal  
Lock with 455 key  
Supplied with drilling template  
Protects equipment, avoids accidental manipulation and enables visualisation of equipment from front.