



**POLYESTER
WALL MOUNTED
ENCLOSURES**

STONE Series

Famatel[®].uk



**Ingenuity and
electrical solutions**

The figures speak for themselves

+ 30



Years of experience
Years of experience

10



Business subsidiaries

5



Production hubs

New business unit

Famatel presents our **new range of polyester enclosures** manufactured in our new facilities, with a pressing **capacity from 300 to 1200 tons** and a production capacity of 100.000 enclosures per year.

New business unit



Perfect configurations

The automatic CNC machining process at our facilities guarantees results of the cuts and perforations in enclosures and panels, offering a completely customized product.



General features

Indoor or outdoor installation

Doors with polyurethane seal

2 types of doors

Blind - Transparent

Easily reversible door

Protection degree
IEC / UNE-EN 60529

IP66

Impact resistance (IEC 62262)

IK10 for the blind version and IK08 for the transparent door version

Material features

Base and door material blind versions

Glass fibre reinforced polyester, hot pressed moulded (GRP-SMC), colour RAL 7035

Base and door material transparent versions

Glass fibre reinforced polyester, hot pressed moulded (GRP-SMC), colour RAL 7035 for the base and polycarbonate door for glass

Insulation

>15kV por mm

Working temperature

-40a + 80°C

Ball resistance test

+ 150°C

Self-extinguishing, does not propagate flame. Self-extinguishing in less than 30 seconds during the glow wire test according to IEC / UNE-EN 60695-2.

Halogen free

High resistance to harsh environments

Resistant to oxidation and chemical agents

Low thermal conductivity

UV resistance

Regulation

IEC/EN 60529 - IEC/EN 62262 - IEC/EN 61439-1 nsulation class II >5,000 volts

Certificate of Conformity to IEC 62208 standard

For IP and IK degrees of protection and insulation, heat and fire resistance, 50000V insulation, weather and corrosion resistance, as well as interior (150kg/m²) and door (30kg/m²) loads.

Electrical Material (Low Voltage) Directive. 2014/35/EU. Electromagnetic Compatibility Directive. 2014/30/EU



Extensive range

13 models available: 7 opaque door 6 transparent door

Corrosion resistance
Durability and longevity
Lightweight and ease of handling
Insulation and protection
Versatility of application
Aesthetics and low maintenance

Reversible hinges made of high mechanical resistance zamak. bolt system that facilitates the disassembly of the door. 125° door opening. easy and quick machining.

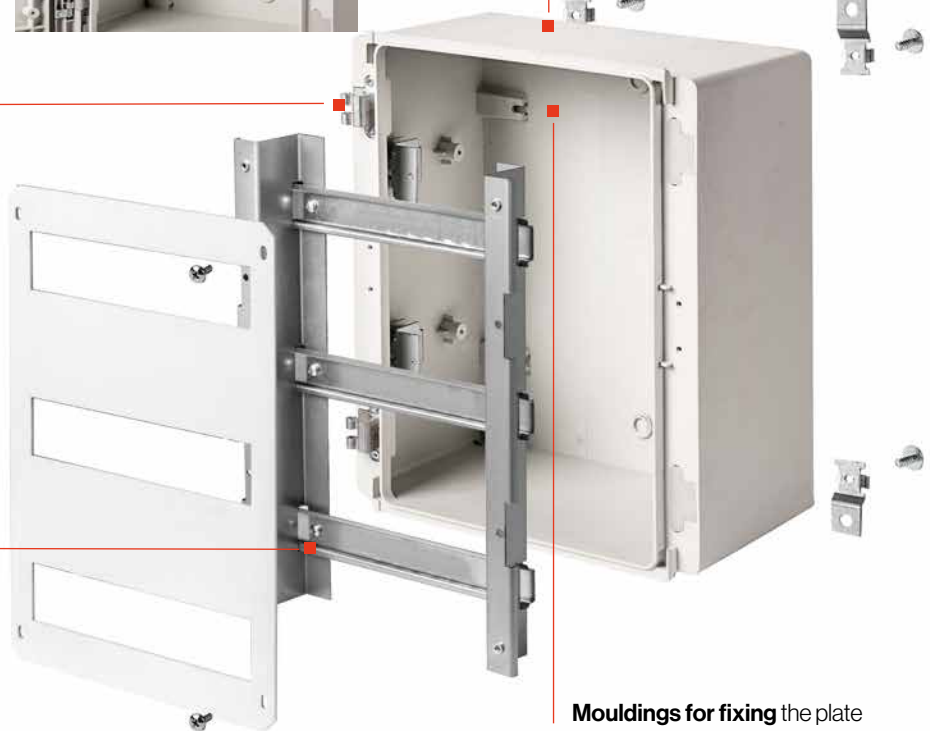
Solution for industry and infrastructure in corrosive environments.

High safety

Total isolation (installation of class II assemblies)
Mechanical resistance



Metal core and pin locking system



Mouldings for fixing the plate fixing bolt.

Wide range of accessories and mounting kits

- Wall mounting KIT
- Pole mounting kit
- Plate Lifter KIT
- DIN rail KIT
- Intermediate Gate KIT
- Vandal-proof KIT
- Metal or polyester plate

Wide range



Ref. Item 49123



Ref. Item 49134



Ref. Item 49145



Ref. Item 49146



Ref. Item 49134-T



Ref. Item 49145-T



Ref. Item 49146-T

External dimensions			References wall mounted enclosures with door	
Height	Width	Depth	Opaque ⁽¹⁾	Transparent ⁽¹⁾
300	250	150	49123	--
400	300	200	49134	49134-T
500	400	200	49145	49145-T
600	400	250	49146	49146-T
700	500	250	49157	49157-T
800	600	300	49168	49168-T
800	600	300	49168-3P ⁽²⁾	49168-T-3P ⁽²⁾

(1) Standard models of polyester wall mounted enclosures include standard 3 mmØ PA double bar lock with key.

(2) -3P models of polyester enclosures include standard 5mm double bar lock and 3-point locking..

Manufacturing features

The manufacture of the polyester wall enclosures goes through a hot-pressed moulding process for both the doors and the bases.

The doors have polyurethane seals seals guaranteeing a strong joint maintaining its shape over time.

The automatic CNC machining process at our facilities guaranteeing both cutting and drilling results in enclosures and plates. Thanks to the 360° rotation of the head, results are just perfect.

Wide range



Ref. Item 49157



Ref. Item 49168



Ref. Item 49168-3P



Ref. Item 49157-T



Ref. Item 49168-T



Ref. Item 49168-3P-T

Technical features

Glass fibre reinforced polyester monobloc wall mounted enclosure, hot-pressed moulded (GRP-SMC) RAL 7035

Version with transparent polycarbonate door

Degree of protection IP66, IEC 60529

Resistance to mechanical impact
IK10 (20 joules) opaque door - IK08 (5 joules) transparent door

Locking System

- Enclosures <800 mm 2 standard double bar locks 3mmØ with PA key.
- Enclosures ≥ 800 mm 3 standard 3mmØ double bar locks with PA key or 1 handle with key lock and 3 locking points.

Door opening angle 125°

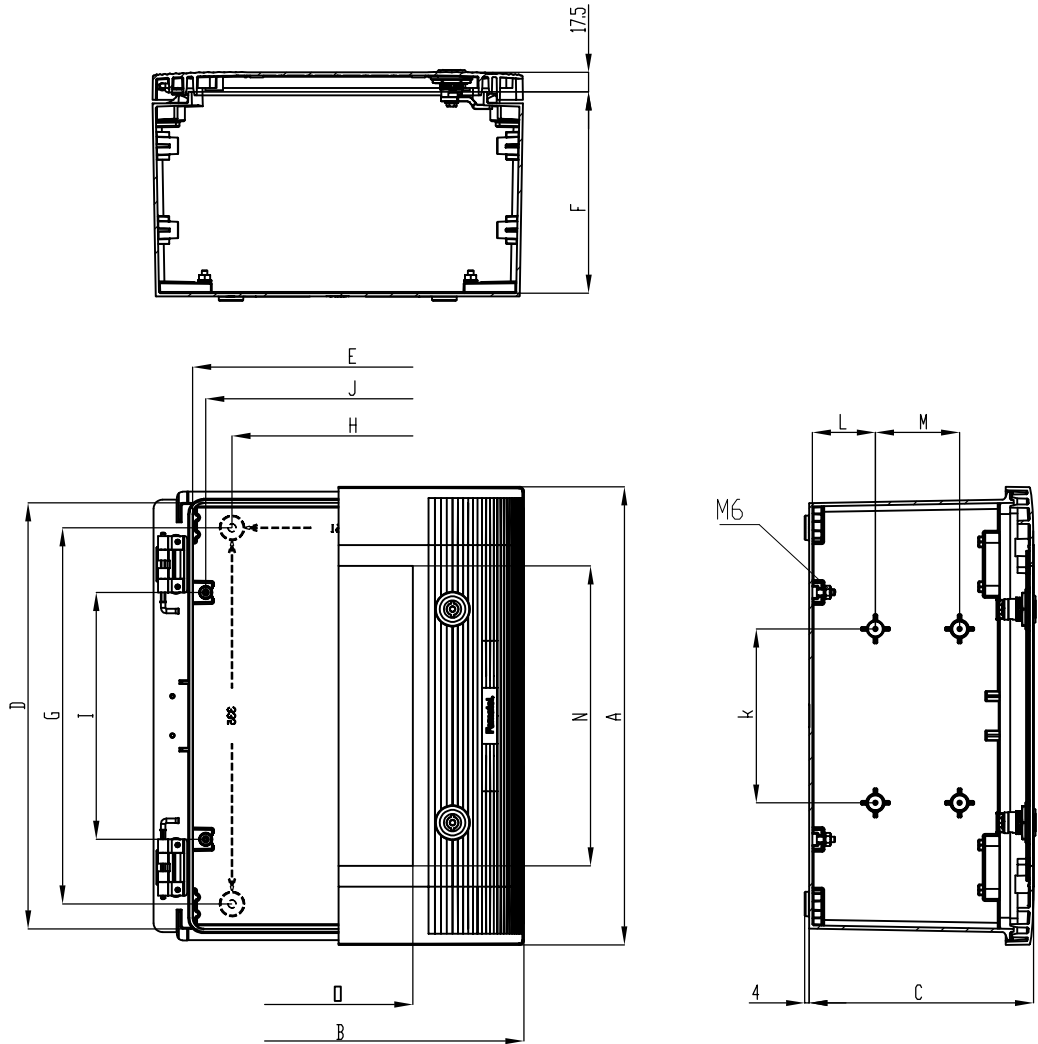
Inserts for accessory fixing inserts: M6 on the bottom

The bottom fittings are fastened with 4 M6/M8 bolts (included in the standard scope of delivery.)

25 mm grids on the back of the door

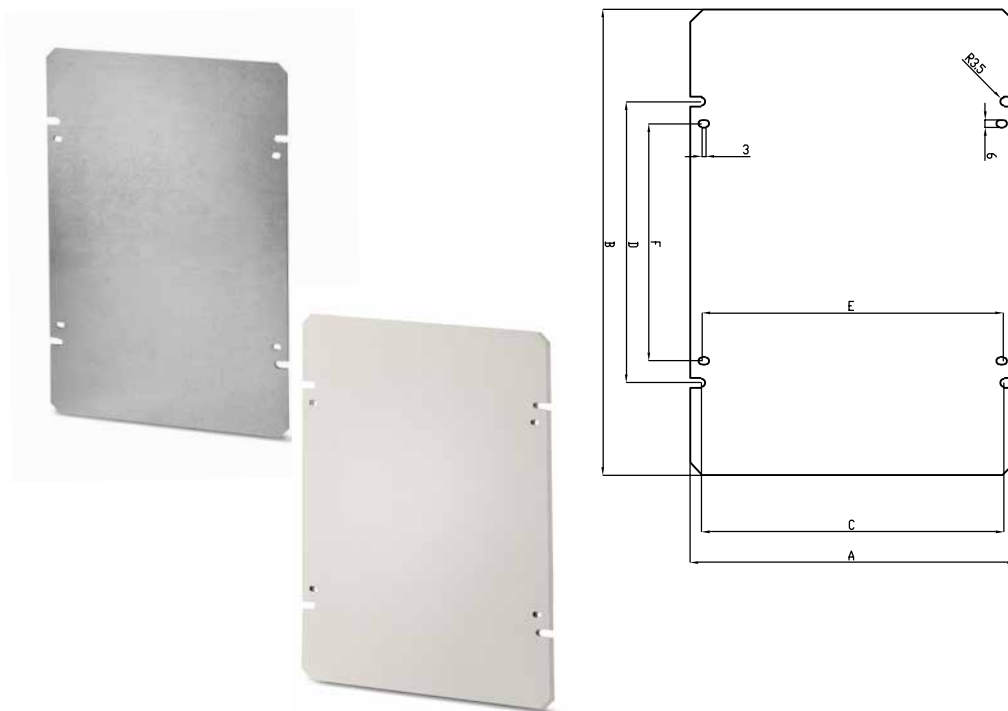
Dimensions of wall mounted enclosures

A: Height
 B: Width
 C: Depth



Reference	Enclosure dimension						Wall mounting		Interior plate mounting		Lifter plate mounting			Transparent door	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
49123	308	265	150	279,5	194,5	132	235	150	152	174,5	--	--	--	--	--
49134	408	330	200	379	260	182	335	190	220	240	155	59	75	267	132
49145	500	430	200	496	360	179	420	290	313	340	170	58	75	370	210
49146	600	430	250	568	359,5	228,5	520	290	360	340	250	57,2	125	470	210
49157	700	530	250	668	459	228,5	620	400	460	440	350	57,5	125	515	310
49168	800	640	300	767,5	558,5	278,5	--	--	--	--	245	57	175	620	420

Plate dimensions



Reference	Plate dimension						Thickness of metal plate	Thickness of polyester plate
	A	B	C	D	E	F		
49123	199	268	171	125	--	--	2	4
49134	255	365	237	220	230	186	2	4
49145	355	455	337	313	333	201	2	4
49146	355	552	337	360	332	281	2	4
49157	455	652	437	460	432	381	2	4
49168	565	750	550	560	547	150	2,5	4

STONE Accessories



Intermediate Door KIT

T Plate lifter

DIN Rail KIT

Pole mounting KIT

Wall mounting bracket

Outside dimensions			References wall mounted enclosures with door		Interior kits and mounting				
Height	Width	Depth	Opaque (1)	Transparent (1)	Intermediate door KIT	Plate lifter KIT	DIN Rail KIT	KIT Pole mounting	KIT Wall mounting
300	250	150	49123	--	--	--	--	SP-49123	FP-49123
400	300	200	49134	49134-T	I-49134	E-49134	KC-49134	SP-49134	FP-49123
500	400	200	49145	49145-T	I-49145	E-49134	KC-49145	SP-49145	FP-49123
600	400	250	49146	49146-T	I-49146	E-49146	KC-49146	SP-49146	FP-49123
700	500	250	49157	49157-T	I-49157	E-49146	KC-49157	SP-49157	FP-49123
800	600	300	49168	49168-T	I-49168	--	KC-49168	SP-49168	FP-49123
800	600	300	49168-3P(2)	49168-T-3P(2)	I-49168	--	KC-49168	SP-49168	FP-49123

Outside dimensions			Replacement door	
Height	Width	Depth	Opaque (1)	Transparent (1)
300	250	150	P-49123	--
400	300	200	P-49134	P-49134-T
500	400	200	P-49145	P-49145-T
600	400	250	P-49146	P-49146-T
700	500	250	P-49157	P-49157-T
800	600	300	P-49168	P-49168-T
800	600	300	P-49168-3P(2)	P-49168-T-3P(2)

STONE Accessories



Polyester back plate

Galvanized back plate

Antivandalism KIT

KIT Metal lock with key

Outside dimensions			References wall mounted enclosures with door		Interior kits and mounting			
Height	Width	Depth	Opaque (1)	Transparent (1)	Polyester back plate	Galvanized back plate	Antivandalism KIT	KIT Metal lock with key
300	250	150	49123	--	PP-49123	PL-49123	AV-49123	LK-49123
400	300	200	49134	49134-T	PP-49134	PL-49134	AV-49123	LK-49123
500	400	200	49145	49145-T	PP-49145	PL-49145	AV-49123	LK-49123
600	400	250	49146	49146-T	PP-49146	PL-49146	AV-49146	LK-49123
700	500	250	49157	49157-T	PP-49157	PL-49157	AV-49146	LK-49123
800	600	300	49168	49168-T	PP-49168	PL-49168	AV-49146	LK-49123
800	600	300	49168-3P(2)	49168-T-3P(2)	PP-49168	PL-49168	AV-49146	LK-49123

(1) Standard models of polyester wall mounted enclosures include standard 3 mmØ PA double bar lock with key.

(2) -3P models of polyester enclosures include standard 5mm double bar lock and 3-point locking..



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