

Polyester Modular Enclosures - NEMA 4X

PB Series - Solid Cover



Panel
Sold
Separately



Corrosion Resistant Junction Boxes

Application

- Designed for use as insulated instrument enclosures, electric, control housings, electrical junction boxes or terminal wiring enclosures.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.
- High UV resistance ideal for outdoor installations.

Standards

- UL/cUL 508 Type 1, 2, 3, 4, 4X, 12 & 13
- Complies with
 - NEMA 1, 2, 3, 3R, 3S, 4, 4X, 12, 13
 - IEC 60529, IP66

Construction

- Bases and lids are constructed of hot molded fiberglass reinforced polyester.
- Self-extinguishing materials.
- Sealable slotted screws are provided to close the enclosure.
- M6 screws are provided for attaching inner panels or other equipment.
- Fully gasketed lids.
- Operating temperatures between -30°C and 150°C (-22°F to 302°F).
- Dielectric rigidity > 5kV insulating resistance > 5 MW.
- For corrosion resistance information, please refer to table in the Technical Information section... see page 467.

Finish

- Fiberglass polyester material is finished in RAL 7032 beige.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum.

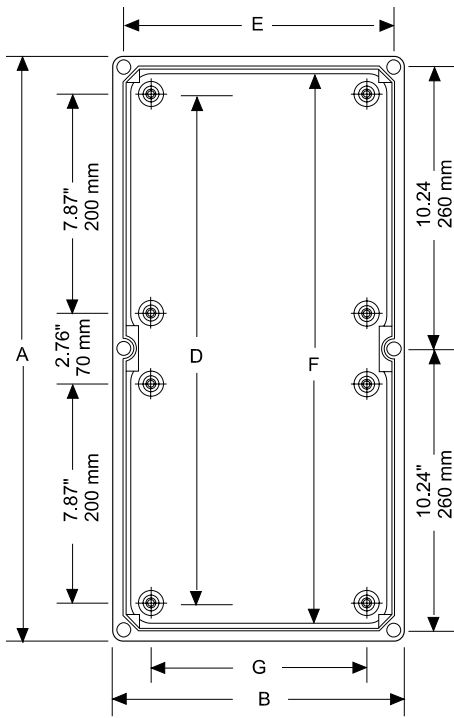
Accessories

- External hinges...see page 102
- Mounting feet...see page 103
- Painted steel inner panels...see page 102
- PB replacement screws...see page 103
- Unfinished aluminum inner panels...see page 102

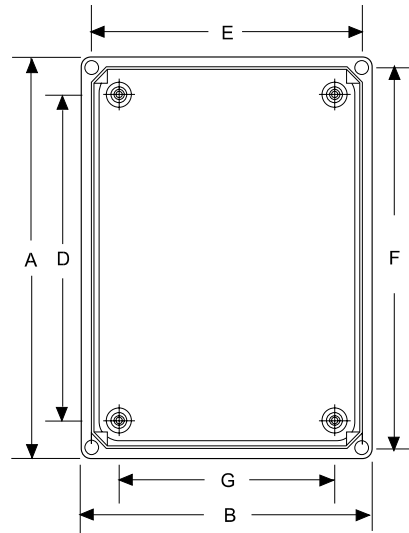
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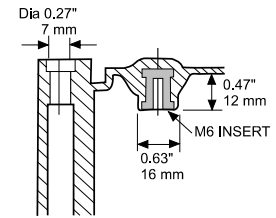
Corrosion Resistant Junction Boxes



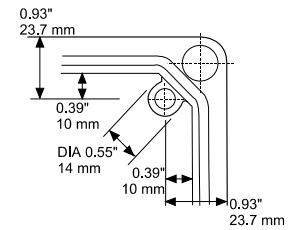
**Base Front View
PB542718**



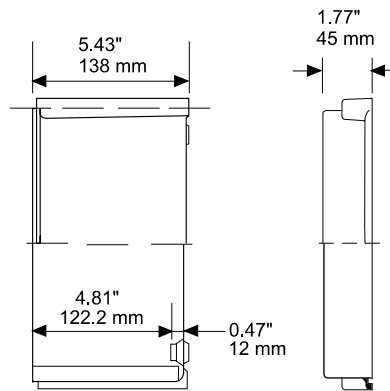
**Base Front View
PB271818, PB272718,
PB362718**



**Cross Section of
Base Inside Corner
with M6 Insert**

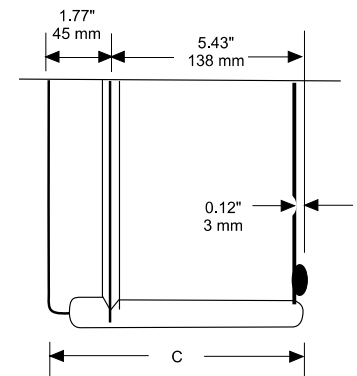


**Typical Corner View
Polyester Cover**



**Base Side
View**

**Lid Side
View**



**Assembled
Side View**

Solid Lid Part No.	Units	Overall Dimensions							Opt. Steel Inner Panel ¹	Inner Panel Dimensions	Ship Wt. lbs
		A	B	C	D	E	F	G			
PB271818	inch	10.6	7.1	7.1	7.9	6.3	9.8	4.3	PBP2718	9.06 x 5.51 230 x 140	3
	mm	270	180	180	200	159	249	110			
PB272718	inch	10.6	10.6	7.1	7.9	9.8	9.8	7.9	PBP2727	9.06 x 9.06 230 x 230	5
	mm	270	270	180	200	249	249	200			
PB362718	inch	14.2	10.6	7.1	11.4	9.8	13.3	7.9	PBP3627	12.60 x 9.06 320 x 230	5
	mm	360	270	180	290	249	339	200			
PB542718	inch	21.3	10.6	7.1	18.5	9.8	20.4	7.9	PBP5427	19.69 x 9.06 500 x 230	7
	mm	540	270	180	470	249	519	200			

¹ For aluminum panel...see page 102.

Inches are for reference only. Use metric for precise measurements.