

RUGGED PLASTIC NEMA 4X ENCLOSURES

FEATURES

- NEMA 1, 3, 3S, 4, 4X, & 12
- Thermoplastic Material
- House up to 10 Meters
- Horizontal or Vertical Cutouts



PDA2500 Series Enclosures

OVERVIEW

The PDA2500 Series Enclosures feature a hinged door in which meters are mounted on, so all programming and operational functions are available without opening the enclosure. Horizontal or vertical cutouts are available. Enclosures and meters are ordered and packaged separately.



PDA2503



PDA2501



PDA2522



PDA2502-V



PDA2506-V

SUB-PANELS

The PDP2503 and PDP2504 sub-panels are very handy and can be drilled to accept screws for easy mounting of relays, contactors, securing wiring clips, or installing other internal devices. You can easily rearrange things as your needs change. See chart below for compatability.



Sub-Panels													
Model	Horizontal Enclosures										Vertical Enclosures		
	PDA2501	PDA2502	PDA2503	PDA2504	PDA2505	PDA2506	PDA2507	PDA2508	PDA2509	PDA2510	PDA2512	PDA2522	
PDP2503			•									•	
PDP2504				•	•	•					•		•

SUB-PANEL SPECIFICATIONS

Size: (PDP 2503) 8.75" × 6.88" (222 mm × 175 mm)
 Size: (PDP 2504) 10.75" × 10.88" (273 mm × 276 mm)
 Thickness: 14 gauge
 Material: Steel
 Mounting hardware is included.



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ENCLOSURE SPECIFICATIONS

Dimensions: Inch (mm)

Material: Thermoplastic

Color: Gray

Ratings: NEMA 4X, UL, C-UL



Horizontal Enclosures

Model	# of Meters	Meter Type					Outside Dimensions (H x W x D)	Inside Dimensions (H x W x D)	Mounting Dimensions	Weight lb (kg)
		A	B	C	D	E				
PDA2501	1		•	•			7.7 x 6.4 x 5.1 (196 x 163 x 130)	4.9 x 4.9 x 4.5 (124 x 124 x 114)	6.75 x 4.0 (171 x 102)	1.6 (0.7)
PDA2502	2		•	•			9.7 x 6.4 x 5.1 (246 x 163 x 130)	6.7 x 4.9 x 4.5 (170 x 124 x 114)	8.75 x 4.0 (222 x 102)	2.2 (1.0)
PDA2503	3		•	•			11.7 x 8.4 x 5.1 (297 x 213 x 130)	8.7 x 6.9 x 4.5 (221 x 175 x 114)	10.75 x 6.0 (273 x 152)	3.0 (1.4)
PDA2504	4	•	•	•	•		13.7 x 12.4 x 7.1 (348 x 315 x 181)	10.7 x 10.9 x 6.5 (272 x 277 x 165)	12.75 x 10.0 (324 x 254)	5.0 (2.3)
PDA2505	5									
PDA2506	6									
PDA2512	2									
PDA2507	7	•	•	•		•	15.7 x 12.4 x 7.1 (399 x 315 x 181)	12.7 x 10.9 x 6.5 (323 x 277 x 165)	14.75 x 10.0 (375 x 254)	5.5 (2.5)
PDA2508	8	•	•	•		•	17.7 x 14.4 x 7.1 (450 x 366 x 180)	14.7 x 10.9 x 6.5 (373 x 277 x 165)	16.75 x 12.0 (425 x 305)	7.3 (3.3)
PDA2509	9	•	•	•		•				
PDA2510	10	•	•	•		•				

Vertical Enclosures

Model	# of Meters	Meter Type					Outside Dimensions (H x W x D)	Inside Dimensions (H x W x D)	Mounting Dimensions	Weight lb (kg)
		A	B	C	D	E				
PDA2501-V	1				•		7.7 x 6.4 x 5.1 (196 x 163 x 130)	4.9 x 4.9 x 4.5 (124 x 124 x 114)	4.0 x 6.75 (102 x 171)	1.6 (0.7)
PDA2502-V	2				•		11.7 x 8.4 x 5.1 (297 x 213 x 130)	8.7 x 6.9 x 4.5 (221 x 175 x 114)	6.0 x 10.75 (152 x 273)	3.0 (1.4)
PDA2522	2		•	•	■					
PDA2503-V	3	•	•	•	•		13.7 x 12.4 x 7.1 (348 x 315 x 181)	10.7 x 10.9 x 6.5 (272 x 277 x 165)	10.0 x 12.75 (254 x 324)	5.0 (2.3)
PDA2504-V	4									
PDA2505-V	5									
PDA2506-V	6									

• Available ■ 1 Required

Type	Meters
A	PD690, PD691, PD692, PD693, PD750, PD751, and PD752
B	PD542, PD543, and PD562
C	PD603, PD644, PD683, PD684, PD688, PD689, PD743, PD765, PD865, PD6602, PD6603, PD6604, PD6622, and PD6624
D	PD138, PD154, and PD158
E	PD6000, PD6200, PD6300, and PD7000

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