

Type 4X Polyester Junction Box PJ Series

Continuous Hinge Door with Twist/Snap Latches



Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic 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.

Standards

- UL 508 Type 1, 2, 3, 4, 4X, 12, & 13
- CSA Type 1, 2, 3, 4, 4X, 12, & 13
- Complies with
 - NEMA Type 1, 2, 3, 4, 4X, 12, & 13
 - IEC 60529, IP66

Construction

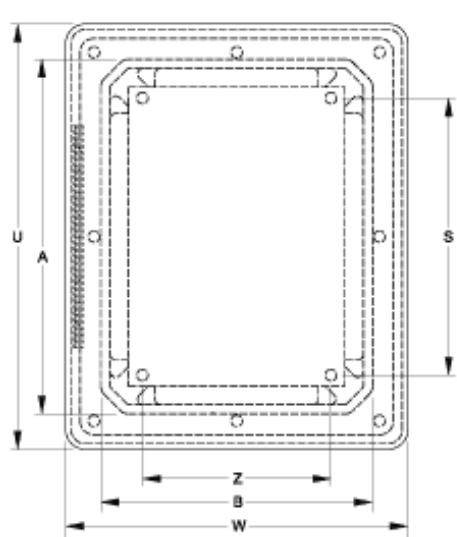
- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- 10-32 threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Stainless steel butterfly type "twist latch" door fasteners.
- Stainless steel draw type "snap latch" door fasteners.
- Door fasteners include a provision for padlocking.
- Twist latch enclosures are available with bonded polycarbonate viewing windows.
- Door is supported with a continuous stainless steel hinge.
- Captive oil resistant gasket provides a positive seal.
- Threaded brass inserts are provided for mounting feet to the rear of the enclosure.
- Stainless steel mounting brackets and hardware are provided for mounting to the rear of the enclosure.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in the **Technical Information section**.

Finish

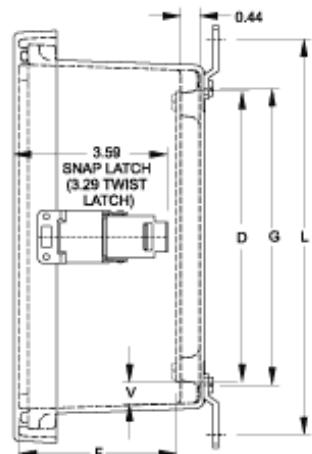
- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel, unfinished aluminum, or Fiberglass.

Accessories

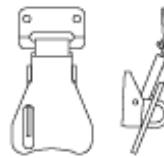
PJ/PJU Replacement Hardware Kits Inner Panels Terminal Kit Assemblies



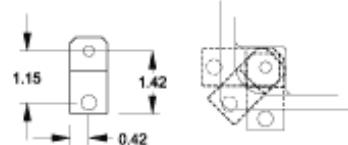
Front View



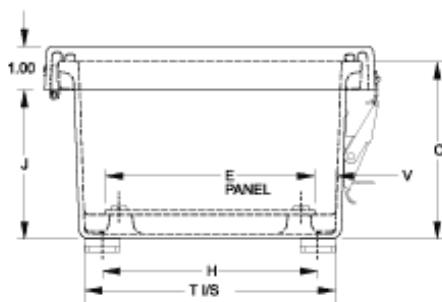
Side View



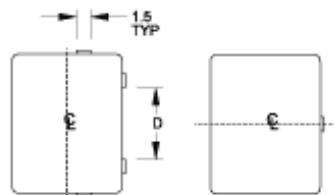
Details of Twist Latch



Optional Mounting Feet Locations



End View



Latch Locations

For use on
18 x 16 x 8 D = 5.25
20 x 16 x 8 D = 9.25

For use on
6 x 6 x 4 8 x 6 x 4
10 x 8 x 6 14 x 12 x 6
10 x 8 x 4 16 x 14 x 8

For use on
12 x 10 x 6 D = 6.75
14 x 12 x 6 D = 7.25
16 x 14 x 8 D = 7.25

Thermal Index
130°C to -40°C (266°F to -40°F)

Impact Index
6.78J (5 ft/lb)

Snap Latch

Part No.	Overall Dimensions				Panel Dimensions				Centers				Cover Dimensions				Opt. Steel Panel		Ship Wt.
	A	B	C	D	E	F	G	H	J	S	Z	L	T	V	U	W	Part No.	(lbs)	
PJ664L	6.10	6.10	4.18	4.88	4.88	3.76	5.01	5.01	3.52	4.25	4.25	7.32	5.83	0.49	7.69	7.69	14R0505	4	
PJ864L	8.00	6.12	4.13	6.75	4.88	3.68	6.89	5.01	3.47	6.25	4.25	9.19	5.85	0.50	9.59	7.71	14R0705	4	
PJ1084L	10.13	8.26	4.13	8.75	6.88	3.68	8.89	7.01	3.47	8.25	6.25	11.19	7.85	0.50	11.77	9.90	14R0907	6	
PJ1086L	10.13	8.26	6.13	8.75	6.88	5.68	8.89	7.01	5.47	8.25	6.25	11.19	7.85	0.50	11.77	9.90	14R0907	6	
PJ12106L	12.13	10.26	6.13	10.75	8.88	5.68	10.89	9.01	5.47	10.25	8.25	13.19	9.85	0.50	13.77	11.90	14R1109	8	
PJ14126L	14.13	12.26	6.13	12.75	10.88	5.68	12.89	11.01	5.47	12.25	10.25	15.19	11.85	0.50	15.73	13.85	14R1311	11	
PJ16148L	16.27	14.40	8.13	14.75	12.88	7.68	14.89	13.01	7.47	14.25	12.25	17.19	13.71	0.50	17.87	15.99	14R1513	12	
PJ18168L	18.40	16.40	8.13	16.88	14.88	7.68	16.97	14.97	7.47	16.25	14.25	19.28	15.72	0.50	20.00	18.00	P1868	17	
PJ20168L	20.00	16.00	8.13	18.44	14.44	7.68	18.54	14.54	7.47	17.81	13.81	20.84	15.31	0.52	21.59	17.59	P2068	19	

Aluminum and fiberglass panels available

Twist Latch

Part No.	Overall Dimensions			Panel Dimensions			Centers					Cover Dimensions			Opt. Steel Panel Part No.	Ship Wt. (lbs)	
	A	B	C	D	E	F	G	H	J	S	Z	L	T	V	U	W	
PJ664T	6.10	6.10	4.18	4.88	4.88	3.76	5.01	5.01	3.52	4.25	4.25	7.32	5.83	0.49	7.69	7.69	14R0505 4
PJ864T	8.00	6.12	4.13	6.75	4.88	3.68	6.89	5.01	3.47	6.25	4.25	9.19	5.85	0.50	9.59	7.71	14R0705 4
PJ1084T	10.13	8.26	4.13	8.75	6.88	3.68	8.89	7.01	3.47	8.25	6.25	11.19	7.85	0.50	11.77	9.90	14R0907 6
PJ1086T	10.13	8.26	6.13	8.75	6.88	5.68	8.89	7.01	5.47	8.25	6.25	11.19	7.85	0.50	11.77	9.90	14R0907 6
PJ12106T	12.13	10.26	6.13	10.75	8.88	5.68	10.89	9.01	5.47	10.25	8.25	13.19	9.85	0.50	13.77	11.90	14R1109 8
PJ14126T	14.13	12.26	6.13	12.75	10.88	5.68	12.89	11.01	5.47	12.25	10.25	15.19	11.85	0.50	15.73	13.85	14R1311 11
PJ16148T	16.27	14.40	8.13	14.75	12.88	7.68	14.89	13.01	7.47	14.25	12.25	17.19	13.71	0.50	17.87	15.99	14R1513 12
PJ18168T	18.40	16.40	8.13	16.88	14.88	7.68	16.97	14.97	7.47	16.25	14.25	19.28	15.72	0.50	20.00	18.00	P1868 17
PJ20168T	20.00	16.00	8.13	18.44	14.44	7.68	18.54	14.54	7.47	17.81	13.81	20.84	15.31	0.52	21.59	17.59	P2068 19

Aluminum and fiberglass panels available

Data subject to change without notice

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