

## Type 4X Polyester Junction Box w/ Raised Lid (Solid and Window)

### PJ Series

#### Continuous Hinge Door with Twist 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 508A Type 1, 2, 3, 4, 4X, 12 and 13
- cUL Type 1, 2, 3, 4, 4X, 12 and 13 per CSA 22.2 No. 94
- 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.
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Stainless steel draw type "twist latch" door fasteners.
- Door fasteners include a provision for padlocking.
- 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 or unfinished aluminum, or fiberglass.

### Accessories

- Additional Inner Panels
- Swing Panels
- Terminal Kit Assemblies
- Pole Mounting Kit

- PJ/PJU/PCJ Replacement Hardware Kits
- PJ Stainless Replacement Mounting Feet
- Climate Control
- General Accessories

**New and improved PDF part drawing files with more detail now available.**

Click part number in table below to access PDF, DXF, and STEP files.

| Solid Cover             | Window                   | Enclosure |       |       | Optional Inner Panel |       |          |
|-------------------------|--------------------------|-----------|-------|-------|----------------------|-------|----------|
| Part No.                | Cover Part No.           | H         | W     | D     | H                    | W     | Part No. |
| PJ664RT                 | PJ664RTW                 | 6.10      | 6.10  | 4.18  | 4.88                 | 4.88  | 14R0505  |
| PJ864RT                 | PJ864RTW                 | 8.00      | 6.12  | 4.13  | 6.75                 | 4.88  | 14R0705  |
| PJ1084RT                | PJ1084RTW                | 10.13     | 8.26  | 4.13  | 8.75                 | 6.88  | 14R0907  |
| PJ1086RT                | PJ1086RTW                | 10.13     | 8.26  | 6.13  | 8.75                 | 6.88  | 14R0907  |
| PJ12106RT               | PJ12106RTW               | 12.13     | 10.26 | 6.13  | 10.75                | 8.88  | 14R1109  |
| PJ12124RT               | PJ12124RTW               | 12.13     | 12.13 | 4.13  | 10.75                | 10.88 | 14R1111  |
| PJ12126RT               | PJ12126RTW               | 12.13     | 12.13 | 6.13  | 10.75                | 10.88 | 14R1111  |
| PJ14126RT               | PJ14126RTW               | 14.13     | 12.26 | 6.13  | 12.75                | 10.88 | 14R1311  |
| PJ16148RT               | PJ16148RTW               | 16.27     | 14.40 | 8.13  | 14.75                | 12.88 | 14R1513  |
| PJ18168RT               | PJ18168RTW               | 18.40     | 16.40 | 8.13  | 16.88                | 14.88 | P1868    |
| PJ20168RT               | PJ20168RTW               | 20.00     | 16.00 | 8.13  | 18.44                | 14.44 | P2068    |
| PJ24208RT <sup>1</sup>  | PJ24208RTW <sup>1</sup>  | 24.00     | 20.00 | 8.13  | 21.00                | 17.00 | 18P2117  |
| PJ24248RT <sup>1</sup>  | PJ24248RTW <sup>1</sup>  | 24.00     | 24.00 | 8.13  | 21.00                | 21.00 | 18P2121  |
| PJ30248RT <sup>1</sup>  | PJ30248RTW <sup>1</sup>  | 30.00     | 24.00 | 8.13  | 27.00                | 21.00 | 18P2721  |
| PJ242010RT <sup>1</sup> | PJ242010RTW <sup>1</sup> | 24.00     | 20.00 | 10.13 | 21.00                | 17.00 | 18P2117  |
| PJ242410RT <sup>1</sup> | PJ242410RTW <sup>1</sup> | 24.00     | 24.00 | 10.13 | 21.00                | 21.00 | 18P2121  |
| PJ302410RT <sup>1</sup> | PJ302410RTW <sup>1</sup> | 30.00     | 24.00 | 10.13 | 27.00                | 21.00 | 18P2721  |

Alternative inner panel options also available. <sup>1</sup> Uses larger mounting foot.

Tags: **PJ, polyester, fiberglass, non-metallic, raised lid, junction box, NEMA 4X, Type 4X, outdoor, window, continuous hinge, twist latch, nema box** *Data subject to change without notice.*