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

Series

Lift-Off Cover/Hinged Door with Screws



### 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 and 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.
- Standard JIC sizes under 18" x 16".
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Cover fastened with captive stainless steel screws in threaded brass inserts.
- 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
- Pole Mounting Kit
- Terminal Kit Assemblies
- 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.

| Raised Lift-Off Solid Cover<br>Part No. | Raised Window Cover Lift-Off<br>Part No. | Raised Hinged Solid Cover<br>Part No. | Raised Window Hinged Cover<br>Part No. | Enclosure |       |      | Optional Inner Panel |       |          |
|---|--|---------------------------------------|--|-----------|-------|------|----------------------|-------|----------|
|   |  |                                       |  | H         | W     | D    | H                    | W     | Part No. |
| PJ664R <sup>1</sup>                     | PJ664RW                                  | PJ664RH                               | PJ664RHW                               | 6.10      | 6.10  | 4.18 | 4.88                 | 4.88  | 14R0505  |
| PJ864R <sup>1</sup>                     | PJ864RW                                  | PJ864RH                               | PJ864RHW                               | 8.00      | 6.12  | 4.13 | 6.75                 | 4.88  | 14R0705  |
| PJ1084R <sup>1</sup>                    | PJ1084RW                                 | PJ1084RH                              | PJ1084RHW                              | 10.13     | 8.26  | 4.13 | 8.75                 | 6.88  | 14R0907  |
| PJ1086R <sup>1</sup>                    | PJ1086RW                                 | PJ1086RH                              | PJ1086RHW                              | 10.13     | 8.26  | 6.13 | 8.75                 | 6.88  | 14R0907  |
| PJ12106R <sup>1</sup>                   | PJ12106RW                                | PJ12106RH                             | PJ12106RHW                             | 12.13     | 10.26 | 6.13 | 10.75                | 8.88  | 14R1109  |
| PJ12124R <sup>1</sup>                   | PJ12124RW                                | PJ12124RH                             | PJ12124RHW                             | 12.13     | 12.13 | 4.13 | 10.75                | 10.88 | 14R1111  |
| PJ12126R <sup>1</sup>                   | PJ12126RW                                | PJ12126RH                             | PJ12126RHW                             | 12.13     | 12.13 | 6.13 | 10.75                | 10.88 | 14R1111  |
| PJ14126R <sup>1</sup>                   | PJ14126RW                                | PJ14126RH                             | PJ14126RHW                             | 14.13     | 12.26 | 6.13 | 12.75                | 10.88 | 14R1311  |
| PJ16148R                                | PJ16148RW                                | PJ16148RH                             | PJ16148RHW                             | 16.27     | 14.40 | 8.13 | 14.75                | 12.88 | 14R1513  |
| PJ18168R                                | PJ18168RW                                | PJ18168RH                             | PJ18168RHW                             | 18.40     | 16.40 | 8.13 | 16.88                | 14.88 | P1868    |
| PJ20168R                                | PJ20168RW                                | PJ20168RH                             | PJ20168RHW                             | 20.00     | 16.00 | 8.13 | 18.44                | 14.44 | P2068    |

Alternative inner panel options also available. <sup>1</sup> - Meets Type 6P

Tags: PJ, polyester, fiberglass, non-metallic, raised lid, junction box, NEMA 4X, Type 4X, outdoor, window, hinge, lift-off

Data subject to change without notice

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