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

### Construction

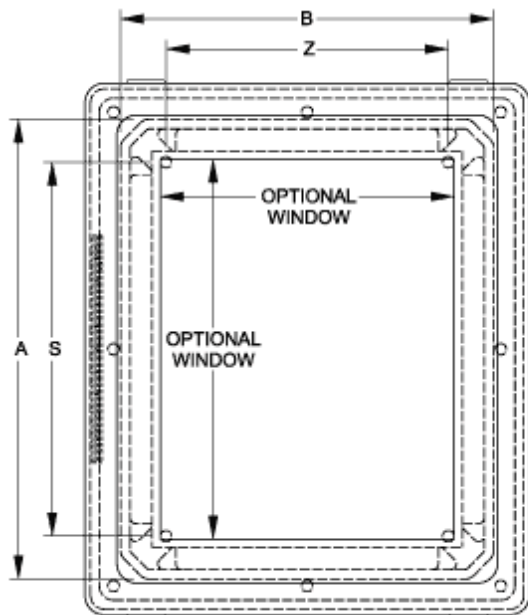
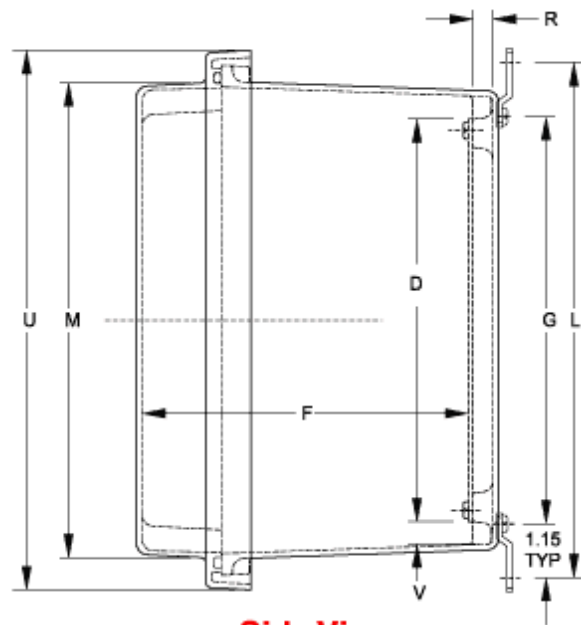
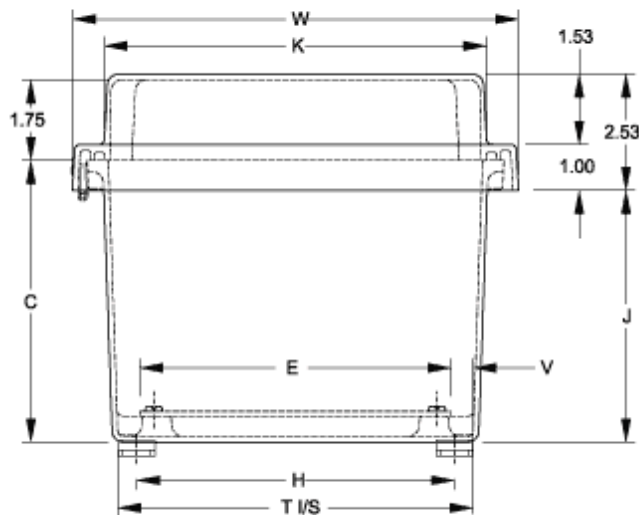
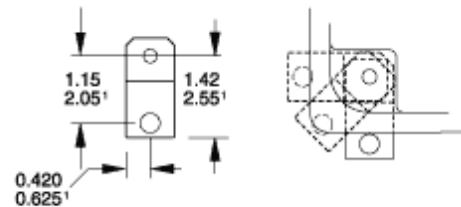
- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Stainless steel draw type "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

- Inner Panels
- Terminal Kit Assemblies
- Swing Panels

**Front View****Side View****End View****Optional Mounting Feet Locations**

**Thermal Index**  
130°C to -40°C (266°F to -40°F)  
**Impact Index**  
6.78J (5 ft/lb)

| Solid Cover<br>Part No. | Window<br>Cover Part No. | Overall Dimensions |       |       | Panel Size |       |       | Center |       |      |       |       |
|-------------------------|--------------------------|--------------------|-------|-------|------------|-------|-------|--------|-------|------|-------|-------|
|                         |                          | A                  | B     | C     | D          | E     | F     | G      | H     | J    | S     | Z     |
| PJ664RT                 | PJ664RTW                 | 6.10               | 6.10  | 4.18  | 4.88       | 4.88  | 5.26  | 5.01   | 5.01  | 3.52 | 4.25  | 4.25  |
| PJ864RT                 | PJ864RTW                 | 8.00               | 6.12  | 4.13  | 6.75       | 4.88  | 5.21  | 6.89   | 5.01  | 3.47 | 6.25  | 4.25  |
| PJ1084RT                | PJ1084RTW                | 10.13              | 8.26  | 4.13  | 8.75       | 6.88  | 5.21  | 8.89   | 7.01  | 3.47 | 8.25  | 6.25  |
| PJ1086RT                | PJ1086RTW                | 10.13              | 8.26  | 6.13  | 8.75       | 6.88  | 7.21  | 8.89   | 7.01  | 5.47 | 8.25  | 6.25  |
| PJ12106RT               | PJ12106RTW               | 12.13              | 10.26 | 6.13  | 10.75      | 8.88  | 7.21  | 10.89  | 9.01  | 5.47 | 10.25 | 8.25  |
| PJ12124RT               | PJ12124RTW               | 12.13              | 12.13 | 4.13  | 10.75      | 10.88 | 3.68  | 10.89  | 11.03 | 3.47 | 10.25 | 10.25 |
| PJ12126RT               | PJ12126RTW               | 12.13              | 12.13 | 6.13  | 10.75      | 10.88 | 5.68  | 10.89  | 11.03 | 5.47 | 10.25 | 10.25 |
| PJ14126RT               | PJ14126RTW               | 14.13              | 12.26 | 6.13  | 12.75      | 10.88 | 7.21  | 12.89  | 11.01 | 5.47 | 12.25 | 10.25 |
| PJ16148RT               | PJ16148RTW               | 16.27              | 14.40 | 8.13  | 14.75      | 12.88 | 9.21  | 14.89  | 13.01 | 7.47 | 14.25 | 12.25 |
| PJ18168RT               | PJ18168RTW               | 18.40              | 16.40 | 8.13  | 16.88      | 14.88 | 9.21  | 16.97  | 14.97 | 7.47 | 16.25 | 14.25 |
| PJ20168RT               | PJ20168RTW               | 20.00              | 16.00 | 8.13  | 18.44      | 14.44 | 9.21  | 18.54  | 14.54 | 7.47 | 17.81 | 13.81 |
| PJ24208RT <sup>1</sup>  | PJ24208RTW <sup>1</sup>  | 24.00              | 20.00 | 8.13  | 21.00      | 17.00 | 8.65  | 22.75  | 18.75 | 7.47 | 19.25 | 15.25 |
| PJ24248RT <sup>1</sup>  | PJ24248RTW <sup>1</sup>  | 24.00              | 24.00 | 8.13  | 21.00      | 21.00 | 8.65  | 22.75  | 22.75 | 7.47 | 19.25 | 19.25 |
| PJ30248RT <sup>1</sup>  | PJ30248RTW <sup>1</sup>  | 30.00              | 24.00 | 8.13  | 27.00      | 21.00 | 8.65  | 28.75  | 22.75 | 7.47 | 25.25 | 19.25 |
| PJ242010RT <sup>1</sup> | PJ242010RTW <sup>1</sup> | 24.00              | 20.00 | 10.13 | 21.00      | 17.00 | 10.65 | 22.75  | 18.75 | 9.47 | 19.25 | 15.25 |
| PJ242410RT <sup>1</sup> | PJ242410RTW <sup>1</sup> | 24.00              | 24.00 | 10.13 | 21.00      | 21.00 | 10.65 | 22.75  | 22.75 | 9.47 | 19.25 | 19.25 |

| Solid Cover<br>Part No. | Window<br>Cover Part No. | Overall Dimensions |       |       | Panel Size |       |       |       |       | Center |       |       |
|-------------------------|--------------------------|--------------------|-------|-------|------------|-------|-------|-------|-------|--------|-------|-------|
|                         |                          | A                  | B     | C     | D          | E     | F     | G     | H     | J      | S     | Z     |
| PJ302410RT <sup>1</sup> | PJ302410RTW <sup>1</sup> | 30.00              | 24.00 | 10.13 | 27.00      | 21.00 | 10.65 | 28.75 | 22.75 | 9.47   | 25.25 | 19.25 |

<sup>1</sup> Uses larger mounting foot - see drawing above.

| Solid Cover<br>Part No. | Window Cover<br>Part No. | Cover Dimensions |       |       |       |       |       |      |      | Opt. Panel<br>Part No. | Window |       |
|-------------------------|--------------------------|------------------|-------|-------|-------|-------|-------|------|------|------------------------|--------|-------|
|                         |                          | L                | T     | K     | M     | U     | W     | R    | V    |                        | Height | Width |
| PJ664RT                 | PJ664RTW                 | 7.32             | 5.83  | 6.08  | 6.08  | 7.69  | 7.69  | 0.44 | 0.49 | 14R0505                | 4.25   | 4.25  |
| PJ864RT                 | PJ864RTW                 | 9.19             | 5.85  | 6.11  | 7.98  | 9.59  | 7.71  | 0.44 | 0.50 | 14R0705                | 6.26   | 4.25  |
| PJ1084RT                | PJ1084RTW                | 11.19            | 7.85  | 8.44  | 10.32 | 11.77 | 9.90  | 0.44 | 0.50 | 14R0907                | 8.37   | 6.50  |
| PJ1086RT                | PJ1086RTW                | 11.19            | 7.85  | 8.44  | 10.32 | 11.77 | 9.90  | 0.44 | 0.50 | 14R0907                | 8.37   | 6.50  |
| PJ12106RT               | PJ12106RTW               | 13.19            | 9.85  | 10.45 | 12.32 | 13.77 | 11.90 | 0.44 | 0.50 | 14R1109                | 10.37  | 8.50  |
| PJ12124RT               | PJ12124RTW               | 13.33            | 11.85 | 12.32 | 12.32 | 13.72 | 13.72 | 0.44 | 0.50 | 14R1111                | 10.38  | 10.38 |
| PJ12126RT               | PJ12126RTW               | 13.33            | 11.85 | 12.32 | 12.32 | 13.72 | 13.72 | 0.44 | 0.50 | 14R1111                | 10.38  | 10.38 |
| PJ14126RT               | PJ14126RTW               | 15.19            | 11.85 | 12.45 | 14.32 | 15.73 | 13.85 | 0.44 | 0.50 | 14R1311                | 12.37  | 10.50 |
| PJ16148RT               | PJ16148RTW               | 17.19            | 13.71 | 13.86 | 15.73 | 17.87 | 15.99 | 0.44 | 0.50 | 14R1513                | 13.00  | 11.00 |
| PJ18168RT               | PJ18168RTW               | 19.28            | 15.72 | 15.86 | 17.86 | 20.00 | 18.00 | 0.44 | 0.50 | P1868                  | 14.00  | 12.00 |
| PJ20168RT               | PJ20168RTW               | 20.84            | 15.31 | 15.43 | 19.43 | 21.59 | 17.59 | 0.44 | 0.52 | P2068                  | 15.00  | 11.00 |
| PJ24208RT <sup>1</sup>  | PJ24208RTW <sup>1</sup>  | 25.06            | 19.73 | 20.16 | 24.16 | 25.59 | 21.59 | 1.00 | 1.38 | 18P2117                | 16.00  | 12.00 |
| PJ24248RT <sup>1</sup>  | PJ24248RTW <sup>1</sup>  | 25.06            | 23.73 | 24.16 | 24.16 | 25.59 | 25.59 | 1.00 | 1.38 | 18P2121                | 16.00  | 16.00 |
| PJ30248RT <sup>1</sup>  | PJ30248RTW <sup>1</sup>  | 31.06            | 23.73 | 24.16 | 30.16 | 31.59 | 25.59 | 1.00 | 1.38 | 18P2721                | 23.00  | 17.00 |
| PJ242010RT <sup>1</sup> | PJ242010RTW <sup>1</sup> | 25.06            | 19.70 | 20.16 | 24.16 | 25.59 | 21.59 | 1.00 | 1.36 | 18P2117                | 16.00  | 12.00 |
| PJ242410RT <sup>1</sup> | PJ242410RTW <sup>1</sup> | 25.06            | 23.70 | 24.16 | 24.16 | 25.59 | 25.59 | 1.00 | 1.36 | 18P2121                | 16.00  | 16.00 |
| PJ302410RT <sup>1</sup> | PJ302410RTW <sup>1</sup> | 31.06            | 23.70 | 24.16 | 30.16 | 31.59 | 25.59 | 1.00 | 1.36 | 18P2721                | 23.00  | 17.00 |

<sup>1</sup> Uses larger mounting foot - see drawing above.

*Data subject to change without notice*

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