

Type 4X Polyester Junction Box (Solid and Clear Cover) PJU 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 508 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 and 13
 - IEC 60529, IP66

Construction

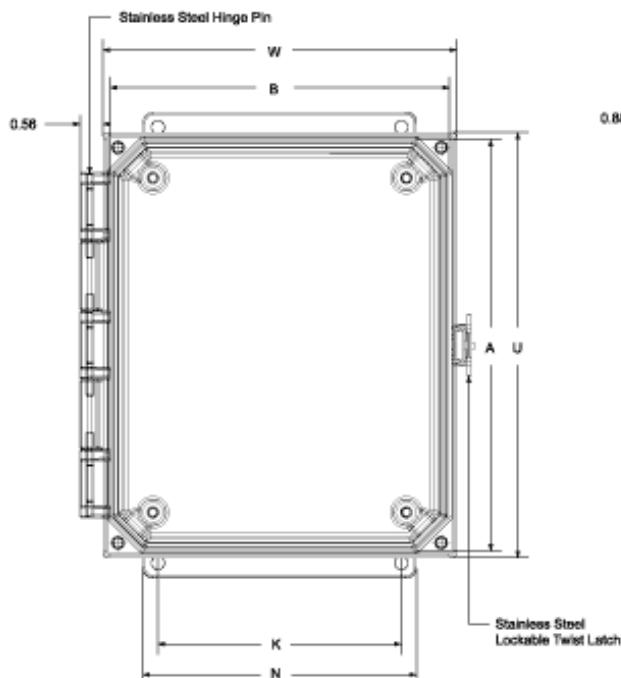
- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Enhanced UV inhibitors protect against outdoor weathering.
- Standard JIC sizes under 18" x 16".
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting. Mounting hardware is included.
- Stainless steel butterfly type "twist latch" door fasteners.
- Door fasteners include a provision for padlocking.
- Enclosure available with clear Polycarbonate cover to 16" x 14".
- Molded hinge with stainless steel pin.
- Captive oil resistant gasket provides a positive seal.
- Available with Polycarbonate flange or foot mount brackets for multi-directional mounting.
- 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

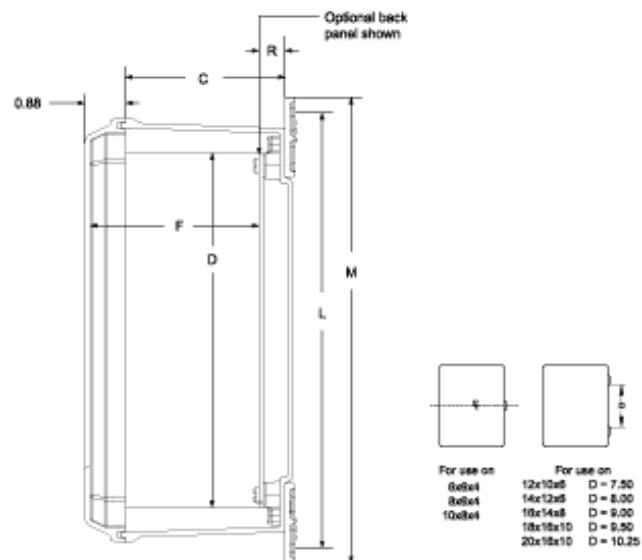
- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum, or Fiberglass.

Accessories

- PJ/PJU Replacement Hardware Kits
- Swing Panels
- Inner Panels
- Terminal Kit Assemblies



Front View



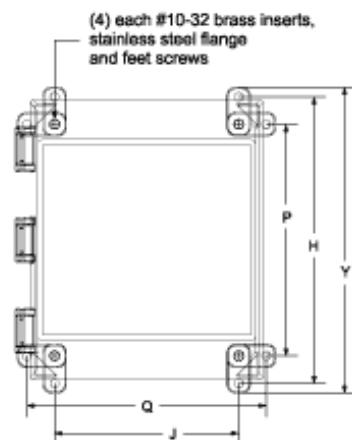
Side View

Latch Locations

| For use on | For use on |
|------------|--------------------|
| 6x6x1 | 12x10x8 D = 7.50 |
| 8x8x1 | 14x12x8 D = 8.00 |
| 10x10x1 | 16x14x8 D = 9.00 |
| 10x10x10 | 18x16x10 D = 9.50 |
| 20x15x10 | 20x15x10 D = 10.25 |



End View



Rear View

| Hinged Twist | Hinged Twist | | | | | | | | | | | | | | |
|--------------|--------------|--------------------|-------|-------|-------|------------|-------|-------|-------|---------------|-------|-------------------------|--|--|--|
| Latch Flange | Latch Feet | Overall Dimensions | | | | Panel Size | | | | Center | | Flange Mounting Centers | | | |
| Part No. | Part No. | A | B | C | D | E | F | S | Z | L | K | M | | | |
| PJU664TF | PJU664T | 6.05 | 6.27 | 4.13 | 4.88 | 4.88 | 4.11 | 4.25 | 4.25 | 6.88 / 6.75 | 4.05 | 7.62 | | | |
| PJU864TF | PJU864T | 8.05 | 6.27 | 4.13 | 6.75 | 4.88 | 4.11 | 6.25 | 4.25 | 8.88 / 8.75 | 4.00 | 9.62 | | | |
| PJU1084TF | PJU1084T | 10.05 | 8.27 | 4.13 | 8.75 | 6.88 | 4.11 | 10.25 | 6.25 | 10.75 | 6.00 | 11.50 | | | |
| PJU12106TF | PJU12106T | 12.05 | 10.27 | 6.13 | 10.75 | 8.88 | 6.11 | 10.25 | 8.25 | 12.75 | 8.00 | 13.50 | | | |
| PJU14126TF | PJU14126T | 14.05 | 12.27 | 6.13 | 12.75 | 10.88 | 6.11 | 12.25 | 10.25 | 14.75 / 14.62 | 10.00 | 15.37 | | | |
| PJU16148TF | PJU16148T | 16.05 | 14.27 | 8.13 | 14.75 | 12.88 | 8.11 | 14.25 | 12.25 | 16.75 | 12.00 | 17.50 | | | |
| PJU181610TF | PJU181610T | 18.30 | 16.52 | 10.13 | 16.88 | 14.88 | 10.11 | 16.25 | 14.25 | 18.88 / 18.76 | 12.00 | 20.12 | | | |
| PJU201610TF | PJU201610T | 20.50 | 16.27 | 10.13 | 18.44 | 14.44 | 10.11 | 17.81 | 13.81 | 21.25 | 10.00 | 21.50 | | | |

| Hinged Twist Latch | Hinged Twist Latch | | | | | | | | | | | | | |
|--------------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------------|----------|-------|
| Clear Cover Flange | Clear Cover Feet | | | | | | | | | | | | | |
| Part No. | Part No. | N | H | J | P | Q | U | W | Y | R | V | Opt. Panel | Ship Wt. | (lbs) |
| PJU664CCTF | PJU664CCT | 4.80 | 6.75 | 4.91 | 4.69 | 6.97 | 6.50 | 6.72 | 7.47 | 0.70 | 0.52 | 14R0505 | 4 | |
| PJU864CCTF | PJU864CCT | 4.75 | 8.75 | 4.91 | 6.69 | 6.97 | 8.50 | 6.72 | 9.46 | 0.70 | 0.62 | 14R0705 | 4 | |
| PJU1084CCTF | PJU1084CCT | 6.75 | 10.75 | 6.91 | 8.69 | 8.97 | 10.50 | 8.72 | 11.47 | 0.70 | 0.53 | 14R0907 | 6 | |
| PJU12106CCTF | PJU12106CCT | 8.75 | 12.70 | 8.82 | 10.64 | 10.88 | 12.50 | 10.72 | 13.47 | 0.68 | 0.44 | 14R1109 | 6 | |
| PJU14126CCTF | PJU14126CCT | 10.75 | 14.70 | 10.82 | 12.64 | 12.88 | 14.50 | 12.72 | 15.37 | 0.70 | 0.46 | 14R1311 | 8 | |
| PJU16148CCTF | PJU16148CCT | 12.75 | 16.91 | 11.47 | 13.50 | 14.88 | 16.50 | 14.72 | 17.50 | 0.70 | 0.40 | 14R1513 | 11 | |

| Hinged Twist Latch | Hinged Twist Latch | | | | | | | | | | | | | Opt. Panel | Ship Wt. |
|---------------------------|---------------------------|-----------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------------|-----------------|
| Clear Cover Flange | Clear Cover Feet | Part No. | Part No. | N | H | J | P | Q | U | W | Y | R | V | Part No. | (lbs) |
| - | - | | | 12.75 | 19.16 | 13.72 | 15.75 | 17.13 | 18.75 | 16.97 | 19.89 | 0.70 | 0.45 | P1868 | 12 |
| - | - | | | 12.75 | 20.53 | 13.16 | 17.13 | 16.56 | 20.50 | 16.72 | 21.28 | 0.70 | 0.50 | P2068 | 17 |

Data subject to change without notice

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