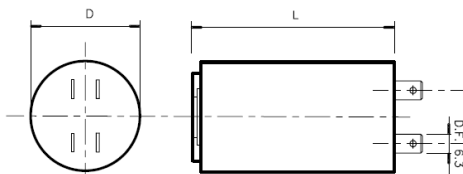


FENCE CAPACITORS: FNC-P3... Series

TECHNICAL DATA SHEET

| | |
|--------------------|--|
| Type | FNC-P3..., High Grade Pulse Capacitor |
| Tolerance | ±5% |
| Rated Peak Voltage | 1200Vdc |
| Pulse Rate | 1 pulse/s max |
| Life Expectancy | 3 x 10 ⁸ pulses |
| Terminations | Double Flat tag 6.3mm |
| Temperature Rating | -25°C to +85°C Where maximum rated voltage and maximum rated temperature occur together some derating may be necessary |
| Dielectric | Metallized polypropylene film |
| Application | This capacitor has been designed for use as the energy storage capacitor in electric fence energisers |
| Accessories | None |
| Materials | The case material is polypropylene which has a UL94 rating of V2. Both the case and the epoxy seal comply with the requirements of the glow wire test (at 850°C) in accordance to IEC 60695-2-10 and IEC 60695-2-11. Alcohol resistant printing. |



| | Capacitance (μF) | I ² T rating [A ² s] | Dimensions (mm) Diam.(D) x Length (L) |
|------------------|---------------------|--|--|
| FNC-P3X-3-120 | 3 | 0.2 | Ø30 x 71 |
| FNC-P3X-5-120 | 5 | 0.5 | Ø30 x 71 |
| FNC-P3X-6-120 | 6 | 1.5 | Ø30 x 71 |
| FNC-P3X-7.5-120 | 7.5 | 1.5 | Ø30 x 71 |
| FNC-P3X-8-120 | 8 | 1.5 | Ø30 x 71 |
| FNC-P3X-10-120 | 10 (standard) | 2.5 | Ø30 x 71 |
| FNC-P3Y-10-120 | 10 (option) | 11.7 | Ø40 x 71 |
| FNC-P3X-12-120 | 12 | 3 | Ø35 x 71 |
| FNC-P3X-15-120 | 15 (standard) | 7.5 | Ø35 x 71 |
| FNC-P3Y-15-120 | 15 (option) | 17.2 | Ø45 x 71 |
| FNC-P3X-18-120 | 18 | 10 | Ø40 x 71 |
| FNC-P3X-20-120 | 20 | 6.8 | Ø40 x 71 |
| FNC-P3X-25-120 | 25 | 12.5 | Ø45 x 71 |
| FNC-P3X-30-120 | 30 | 15.4 | Ø45 x 71 |
| FNC-P3X-32.5-120 | 32.5 | 20 | Ø45 x 71 |
| FNC-P3X-40-120 | 40 | 20 | Ø45 x 91 |
| FNC-P3X-50-120 | 50 | 25 | Ø45 x 91 |