

Specification PYT Series



Key Features

- Form, fit and function replacement for Powerflex P350 and P500 range
- Configurable for isolated or non-isolated outputs.
- Dual output option available
- Signals package as per original Powerflex range.
- Complete transparency to end user

Specifications

Input specification

| | |
|---------------------|----------------------------------|
| Input voltage Range | 90V-264VAC |
| Frequency | 47 to 63Hz. |
| Inrush current | 40A AC max. |
| Operating Current | 7.7A AC max. |
| Efficiency | Typically 75% at full load. |
| Power factor | 0.99 typical. Meets EN61000-3-2. |
| EMI-filter standard | CISPR 22, EN55022 "A". |
| Radiated EMI | CISPR 22, EN55022 "A". |
| Holdup time | 28ms min (at 350W load). |
| Harmonic Distortion | Meets EN61000-3-2. |
| Isolation | Meets EN60950. |

Output specification

| | |
|------------------------|---|
| Overall regulation | Less than 0.5% |
| Ripple pk-pk | Main output: 75mV max. Aux output: <1.5% or 75mV whichever is greater. |
| Current limit | 105-125% of rated output current |
| Protection | Protected for continuous short circuit |
| Overvoltage protection | 120-130% typical. |
| Thermal protection | All outputs disabled when internal temp exceeds safe operating range. |
| Remote sense | Remote sense on main output. |
| Minimum load | Not required |

General

| | |
|-----------------------|---|
| Cooling | Forced air cooled (internal fan) |
| Operating temperature | 0°C to 50°C. For 50° to 65°C, de-rate each output at 2.5% per °C |
| Weight | 3kg typ. |

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Mechanical Outline

