Tempco's Solid State Variable Power Controllers are an excellent value for your power controlling needs. Used in an open loop, non-feedback control system, these power controllers regulate input versus output voltage for controlling any of a number of processes where a fixed applied voltage is desired. The solid state technology allows these controllers to be smaller and lighter than ever, and useful in areas where variable voltage transformers are not a viable choice.

**Design Features**
- 2400 Watts @ 240 Volts
- Compact 2" Cube Size
- Two-Wire Termination
- Environmentally Protected

Part Number 120V: SRS00010 (Discontinued)
Part Number 240V: SRS00020

**Specifications**
- **Input Voltage:** 120V and 240V AC, single phase, 50/60 Hz
- **Current Rating:** 10 Amps @ 75°C
- **Maximum Load:** 120V-1200 Watts / 240V-2400 Watts
- **Output Voltage:** 120V=0 to 118V / 240V=0 to 238V
- **Operating Temp. Range:** -40 to 80°C
- **Dielectric Insulation:** 1600 Volts RMS @ 80°C for 1 min.
- **Control Mode:** Phase Angle

**Typical Applications**
- Heaters – Injection and Blow Molding
- Hot-Runner Mold Cartridge
- Machine Nozzle

**Surface Panel Mount  10 Amp Unit**

**Power Controller Part Number:** SRS00030
Optional Heat Sink Part Number: SRS00035
Heat Sink Dimensions: 3" × 5-1/4" × 2-3/8"H (76 × 133 × 60 mm)

**Design Features**
- Solid State Circuit
- Modified Transient Suppression
- Remote Mounting Capabilities
- Knob and Dial Plate
- Aluminum Heat Sink

**Specifications**
- **Input Voltage:** 120V and 240V AC, single phase, 50/60 Hz
- **Current Rating:** 15 Amps, 25 Amps with optional heat sink
- **Power Consumption:** 50 Watts (maximum)
- **Maximum Load:** 120V-1200 Watts / 240V-2400 Watts
- **Output Voltage:** Adjustable from 17 to 99% of applied voltage
- **Maximum Temperature:** 167°F (75°C) at base plate center
- **Dimensions:** 3-1/2" × 2-1/2" × 2-1/8"H (89 × 63 × 54 mm)
- **Mounting Centers:** 2-5/8" (137.5 mm)