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.

**Solid State Variable Power Controllers**

**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**

**Recess Mount with Remote Knob 25 Amp Unit**

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

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)

**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)
- 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)

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