

Solid State Variable Power Controllers

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.

Surface Panel Mount 10 Amp Unit



Design Features

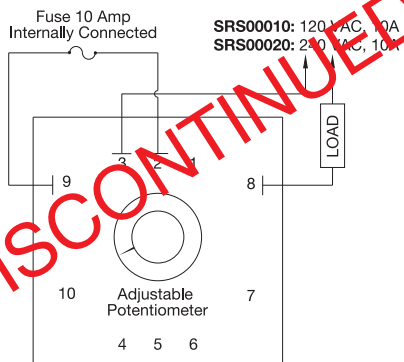
- * 2400 Watts @ 240 Volts
- * Compact 2" Cube Size
- * Two-Wire Termination
- * Environmentally Protected
- * 1200 Watts @ 120 Volts
- * One-Hole Mounting
- * High Thermal Efficiency
- * Built-In Fuse for Protection

Part Number 120V: **SRS00010** (Discontinued)

Part Number 240V: **SRS00020** (Discontinued)

Specifications

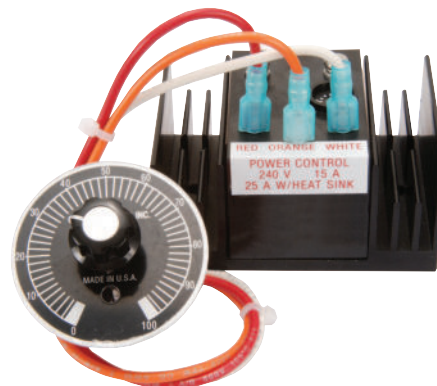
- Input Voltage:** 120V and 240V AC, single phase, 50/60 Hz
- Current Rating:** 10 Amps @ 75°C
- Maximum Load:** 120V-1200 Watts / 240V-2400 Watts
- Output Voltage:** 120V=0 to 118V / 240V=0 to 238V
- Operating Temp. Range:** -40 to 80°C
- Dielectric Insulation:** 1600 Volts RMS @ 80°C for 1 min.
- Control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



Typical Applications

- Heaters – Injection and Blow Molding
- Hot-Runner Mold Cartridge
- Machine Nozzle
- Platen Heaters
- Other Resistive Loads

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" x 5-1/4" x 2-3/8"H (76 x 133 x 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" x 2-1/2" x 2-1/8"H (89 x 63 x 54 mm)
- Mounting Centers:** 2-5/8" (137.5 mm)

