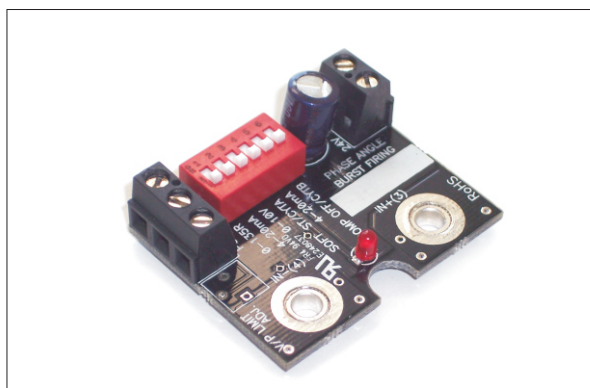


SSR MOUNT TEMPERATURE CONTROLLER SSRTC-1P/B

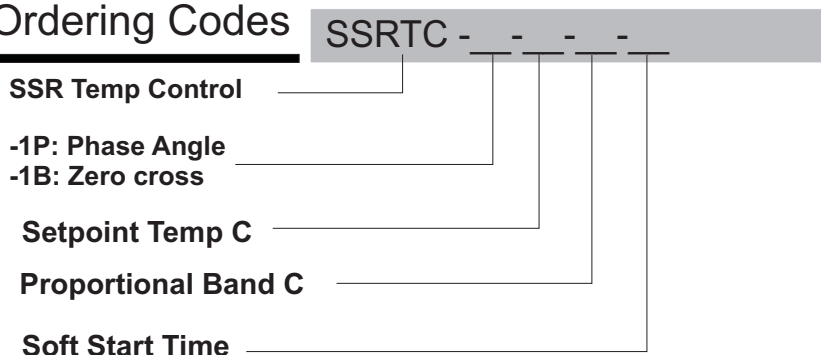


- **SSR Mounted Temperature Controller 0-150degC range**
- **Suitable for inductive or resistive loads**
- **Small module mounts on the input terminals of an SSR**
- **Line voltage compensation increases process stability**
- **Configurable soft start for sensitive loads**
- **Automatic 50/60Hz operation**
- **Adjustable voltage limit (-VL) option**
- **Single phase and three phase control**
- **LED output indicator**

Product Description

The microprocessor based SSRTC mounts directly on the input terminals of an SSR and provides a low cost temperature control solution. Temperature sensing is accomplished using a thermistor available in many different termination options.

Ordering Codes



Input Specifications

Power Supply	(-1P) 24VAC +/-15%, 65mA max (-1B) 24VAC or DC
Frequency Range	47-63Hz
Input	10K Thermistor
Excitation Resistor	10K

Output Specifications

Control Output	SSR Drive, DC Pulse, nominally 10V @ 15mA
Response Time	20mS
Default Softstart Period	20 seconds to reach 100% (other Soft Start Times available)
Voltage Limit Adjustment Range	5-100% of max. Output voltage
Line Voltage Compensation Range	+/-15% up to 100% output power
Regulation	+/-3%

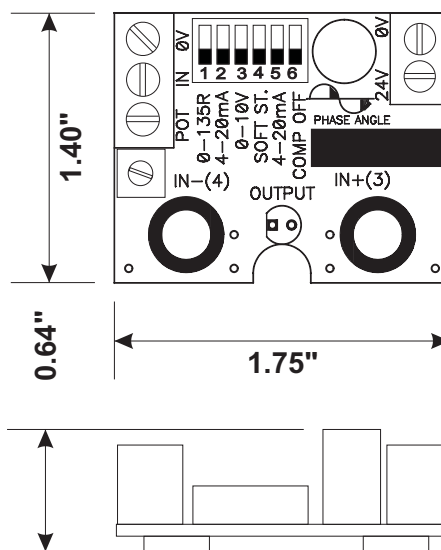
Thermal Specifications

Operating Temperature Range	0 to 60 degC
Storage Temperature Range	-40 to 100 degC

Dip Switch Selections

Feature to Enable	4	6
Line Voltage Comp Enabled (default)	OFF	OFF
None	OFF	ON
Soft Start Only Enabled	ON	ON
Soft Start & Line Voltage Comp Enabled	ON	OFF

Dimensions



Wiring Example

