

## Engineering Specification

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

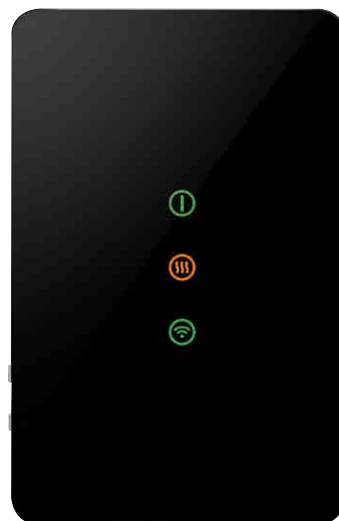
# SunStat® R4 Relay

## 120 or 240 VAC

The SunStat® R4 Relay is designed to control the voltage to SunTouch® electric floor heating systems that require more than 15 amps. Up to 10 SunStat Relays may be connected to one SunStat ConnectPlus™ Thermostat for 120 VAC systems as large as 1650 ft² or 240 VAC systems as large as 3300 ft². Each SunStat R4 Relay requires an additional 20-amp circuit and individual circuit breaker.

## Specifications

<b>Literature</b>	IOM-ST-R4Relay, ES-ST-R4Relay
<b>Operation Voltage</b>	120/240 VAC, 60 Hz, 3 watts
<b>Maximum Load</b>	15 amps resistive
<b>Maximum Power</b>	1800 watts at 120 VAC 3600 watts at 240 VAC
<b>GFCI</b>	Class A (5 mA trip)
<b>Dimensions</b>	4.73" H x 3.11" W x 1.9" D (120 x 79 x 48 mm)
<b>Ambient conditions</b>	32 to 86°F (0 to 30°C), <90% RH non-condensing



SunStat R4 Relay

## NOTICE

The R4 Relay is only compatible with the SunStat ConnectPlus, Connect and Command models. Do not connect to older model SunStat thermostats or relays.

## Features

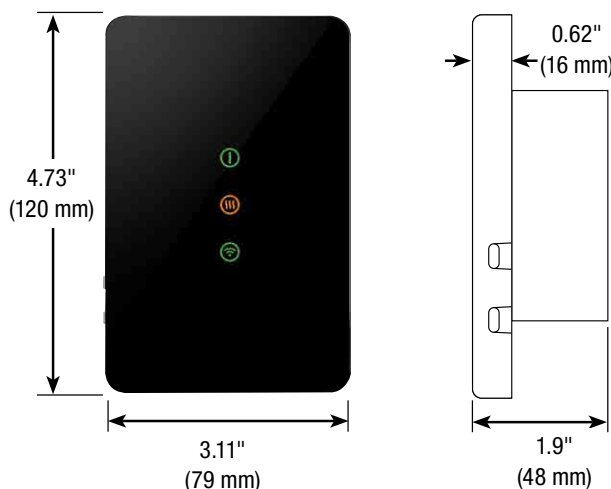
- Built-in GFCI
- Status indicators
- Dual Voltage 120V or 240V
- Wired and wireless connections to thermostat
- Up to 10 wired R4 Relays per thermostat
- Up to 6 wireless R4 Relays per thermostat
- Wireless R4 Relays report energy usage to thermostat
- 3 Year warranty



UL Listed under UL 943, UL/CSA 60730, UL 991  
 Listing file number E365015.

## CAUTION

This Engineering Sheet is not intended to provide full installation instructions and safety information. In order to avoid property damage or injury, please refer to the complete installation manual and product safety information provided with the product.



## PRODUCT OPTIONS

Qty	Description	Model#	Order#
	SunStat R4 Relay	500980	81020608

SunTouch product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact SunTouch Technical Service. SunTouch reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on SunTouch products previously or subsequently sold. Refer to the owner's manual for warranty information.



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