

QUICK PROGRAMMING FOR THERMO SUNIS INDOOR WIREFREE SENSOR

Adding a Thermo Sunis Indoor Sensor

 During initial programming, it is recommended that power is provided only to motorized window covering being programmed.

STEP 1: Carefully remove rear cover to expose sensor control setting panel.

STEP 2: Set the motorized window covering into **PROGRAMMING MODE** (Refer to the installation instructions of the relevant RTS receiver or motor for this procedure).

STEP 3: Slide the ON/OFF Selector Switch to the ON or  position. Sun LED Indicator will illuminate for 5 seconds then extinguish.

STEP 4: Using a paper clip, pen or similar device, briefly press the PROGRAMMING BUTTON (for 1 second) located on the control setting panel of the Thermo Sunis. (See Figure 1 pg. 66). The motorized window covering will jog to confirm the addition of the Thermo Sunis sensor.

 Repeat steps 1-3 when multiple motorized window coverings are required to operate from the Thermo sunis sensor.

Deleting a Thermo Sunis Indoor Sensor from Memory

STEP 1: Using a paper clip, pen or similar device, press and hold the PROGRAMMING BUTTON (approximately 3 seconds) on a previously addressed Thermo Sunis or Somfy transmitter. (Telis, DecoFlex, etc.). The motorized window covering will jog to confirm PROGRAMMING MODE.

STEP 2: Using a paper clip, pen or similar device, briefly press the PROGRAMMING BUTTON (for 1 second) located on the control setting panel of the Thermo Sunis to be deleted. (See Figure 1 pg. 66). The motorized window covering will jog to confirm the deletion of the Thermo Sunis sensor.

 Step 1 should not be performed with the Thermo Sunis intended for deletion.

 Thermo Sunis sensor MUST BE mounted indoors only and should be free from obstructions in order to correctly sense incoming light. Sill mounts may not be suitable for some window installations. (Sensor should be mounted in front of all interior window coverings (See Figure 2 pg. 67).



QUICK PROGRAMMING FOR THERMO SUNIS INDOOR WIREFREE SENSOR

Setting the (Temperature) Sensitivity (Threshold)



Thermo Sunis should be mounted in or near window and exposed to incoming sunlight.

STEP 1: Carefully remove rear cover of the Thermo Sunis sensor exposing Control Setting Panel (See Figure 4 pg. 67).

STEP 2: Slide the ON/OFF Selector Switch to the ON or  position. Sun LED Indicator will illuminate for 5 seconds and then extinguish.

STEP 3: Momentarily press the MODE BUTTON and Sun LED Indicator Light will illuminate for approximately 15 seconds to indicate present threshold setting.



LED Indicator light will remain illuminated for approximately 15 seconds. Should the LED Indicator light extinguish prior to establishing the light sensitivity (threshold) setting, simply press the MODE BUTTON momentarily to reactivate LED light.

STEP 4: Using a small screw driver or similar device, rotate the Sun Sensitivity Selector to the fully CLOCKWISE (+) position. LED Indicator will remain illuminated red color (See Figure 3 pg. 67).

STEP 5: Slowly rotate the Sun Sensitivity Selector COUNTER CLOCKWISE (-) until the LED Indicator illuminates to a green color. A green colored LED indicates the present light value (threshold). At this (threshold) the Thermo Sunis sensor will provide the necessary RTS command as selected with the Function Selector Switch.

GREEN LED: INDICATES SUNLIGHT WITHIN THRESHOLD SETTING

RED LED: INDICATE SUNLIGHT BELOW THRESHOLD SETTING



Rotating the Sun Sensitivity Selector to a FULL COUNTER CLOCKWISE (-) position will simulate sun if no sun is present. It is not recommended to leave the selector (threshold setting) in this position.

QUICK PROGRAMMING FOR THERMO SUNIS INDOOR WIREFREE SENSOR

Setting the (temperature) Sensitivity (threshold)



Thermo Sunis should be mounted in or near window and exposed to incoming sunlight.

Step 1: Carefully remove rear cover of the Thermo Sunis sensor exposing Control Setting Panel (See Figure 4 pg. 67).

Step 2: Slide the ON/OFF Selector Switch to the ON or  position. Sun LED Indicator will illuminate for 5 seconds and then extinguish.

Step 3: Momentarily press the MODE BUTTON. Temperature LED Indicator will illuminate for approximately 15 seconds to indicate present threshold setting.



LED Indicator light will remain illuminated for approximately 15 seconds. Should the LED indicator light extinguish prior to establishing the temperature sensitivity (threshold) setting, simply press the MODE BUTTON momentarily to reactivate LED light.

Step 4: Using a small screw driver or similar device, rotate the Temperature Sensitivity Selector to the fully CLOCKWISE (+) position. Temperature LED Indicator will remain illuminated red color (See Figure 3 pg. 67).

Step 5: Slowly rotate the Temperature Sensitivity Selector COUNTER CLOCKWISE (-) until the LED Indicator illuminates to a green color. A green colored LED indicates the present temperature value (threshold). At this value (threshold) the Thermo Sunis sensor will provide the necessary RTS command as selected with the Function Selector Switch (for details reference Function Selector Switch below).

GREEN LED: INDICATES TEMPERATURE WITHIN THRESHOLD SETTING

RED LED: INDICATES TEMPERATURE BELOW THRESHOLD SETTING

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OPERATING MODE

 Default employs output response time delays.

STEP 1: Slide the Sun/Temp Selector Switch to the desired setting (See Figure 3 pg. 67).

 = Activation of Window Covering via Sunlight only

 = Activation of Window Covering via Temperature & Sunlight

STEP 2: Adjust Sunlight and Temperature Sensitivity (threshold) (Refer to Setting the Sensor Sensitivity (threshold). **OR**

Slide the Function Selector Switch to provide the necessary RTS output commands to the window covering.

	*Command Mode 1	Command Mode 2	Command Mode 3
	1 	2 	3 
After 5 Minutes (within threshold) →	 Go to DOWN Limit or Sensor Location	 Go to "my" Position	 Go to DOWN Limit
After 30 Minutes (below threshold) →	 Go to UP Limit	 Go to UP Limit	 Go to "my" Position
			

 = Sunlight/Temp sensor within the set "Threshold." Thermo Sunis will provide an RTS command after approximately 5 minutes of sensing within the set threshold.

 = Sunlight/Temp Sensor below the set "Threshold." Thermo Sunis will provide an RTS command after approximately 30 minutes of sensing below the set threshold

 ***When selected for use with Exterior Rolling Shutter or Exterior Shade Applications, whereby the window covering is mounted externally to the window and Thermo Sunis sensor, the window covering will travel to location of sensor only. It is suggested that (Mode 1) is used to command no more than (1) window covering per sensor**

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⚠ *When selected for use with **Interior Window Coverings**, the Thermo Sunis sensor will provide RTS commands to preset window covering limits ☀ = ∨ (Go to DOWN Limit) ☁ = ∧ (Go to UP Limit).

Activation of Window Covering Via: Temperature & Sunlight

⚠ When ☀ (Sun & Temperature) control is selected, the Temperature threshold setting will TAKE PRIORITY over the Sun Threshold Setting.

Sun Activation (control via sunlight) is not possible unless temperature is within the preset threshold.

Momentarily press the Mode Button, sun & temperature LED Indicator light will illuminate (for approximately 15 seconds) to indicate preset sensor status.

GREEN LED: INDICATES SENSOR WITHIN THRESHOLD SETTING

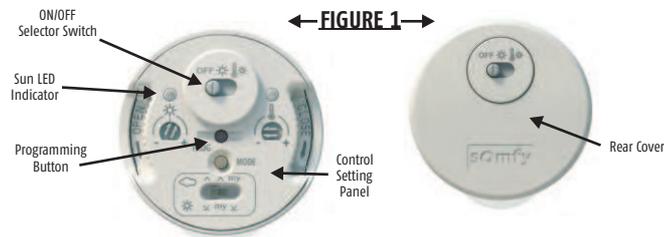
RED LED: INDICATES SENSOR BELOW THRESHOLD SETTING

⚠ The Thermo Sunis RTS Sensor is capable of providing control in accordance to sunlight and temperature conditions only. Once a command is sent, the Thermo Sunis will not send another command until there is a change in sunlight or temperature conditions.

Replacing the battery

Refer to Sunis Indoor pg.60. For Figure see pg.61

Programming Figures



QUICK PROGRAMMING FOR THERMO SUNIS INDOOR WIREFREE SENSOR

Programming Figures

FIGURE 2



FIGURE 3

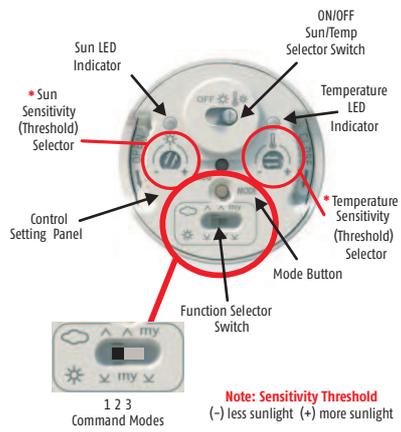


FIGURE 4

