

# Solaira<sup>o</sup>™ **SMaRT Control Series**

## ENGINEER AND ARCHITECT SPECIFICATION



### Solaira SMaRT 60 Minute Timer

#### **Push button 1- 60 Minute Timer**

User settable 1 – 60 minute time increment  
Offers energy savings for Infrared Heaters when there is no one in the zone

#### **Control up to 6.0kW Infrared Heaters**

4 and 6 kW Options provide flexible installation Options

#### **Soft Start Technology**

Engineered feature extends emitter life by up to 30%

#### **Water Resistant Enclosure Design**

For Outdoor or Indoor Applications



SPE-1000 listed

#### **SOLAIRA SMaRT 40 and 60 Push Button Timer**

Solaira SMaRT 40 and 60 Push Button Timers are part of a family of water-resistant Solaira SMaRT controllers designed to provide energy saving when used with infrared heaters or other heating and lighting products. These models switch the heaters on for a predetermined time period of between 1 and 60 minutes.

The microcontroller-based unit incorporates zero-voltage switching and a soft-start function to eliminate the heaters initial high inrush current, potentially increasing heater emitter life by as much as 30%. The heaters are switched on for a user-settable time period of between 5 and 60 minutes. Installation of the unit is simple and once our solid state controller is installed it is relatively maintenance-free.

#### SMaRT PUSH BUTTON DESIGN

SMRTTIM40	Maximum 4.0kW, 208-240V	- 2 X 1.5 kW,208/240 or 2 X 2.0 kW,208/240 or 1 X 3.0 or 4.0kW, 208/240
SMRTTIM60	Maximum 6.0kW, 208-240V	- 4 X 1.5 kW,208/240 or 4 X 2.0 kW,208/240 or 2 X 3.0 kW, 208/240 or 1 X 6.0 kW, 208/240

#### TECHNICAL SPECIFICATION

Part #	Voltage	Max Heater Watt	Load	User set On-Time
SMRTTIM40	208-230V	4.0kW	16.6 A	1-60Minute
SMRTTIM60	208-230V	6.0kW	25 A	1-60Minute

Enclosure Dimensions: 5-1/8" X 5-1/8" X 3" (130x130x75 mm)

Enclosure Operating Temperature Range: -4°F (-20°C) to 104°F 40°C

Enclosure/Protection Rating: UL94 certified Resin Enclosure, IP65 Water Proof for outdoor/indoor use

Certification cETL SPE-1000, CE

#### SOLAIRA SMaRT PUSH BUTTON TIMER 40 and 60 SUBMITTAL

JOB NAME \_\_\_\_\_ JOB LOCATION \_\_\_\_\_  
 ARCHITECT \_\_\_\_\_ ENGINEER \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_ SUBMITTED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 ITEM SPEC \_\_\_\_\_ QTY \_\_\_\_\_ CONTROLS \_\_\_\_\_