Solaira SMaRT 30A – Dual Voltage Variable Control

Digital Variable Control
Adjust up to 30 amps of heater output to desired level
6.4kW @208 – 240V or 3.2kW @ 110-120V

Temperature Monitoring
Built in user settable temperature sensor

Soft Start Technology
Engineered feature extends emitter life by up to 30%

Water Resistant Enclosure
Outdoor or Indoor Applications with on-board control

Wireless Handheld Remote (Optional)

Occupancy Monitoring (Optional)

Solaira SMaRT 30-Dual Voltage Variable Controller is part of a family of water-resistant Solaira SMaRT controllers designed to provide energy savings when used with infrared heaters or other heating and lighting products. The Solaira SMaRT 30-Dual Voltage Variable Controller has a 1 to 10 step setting allowing you to find the optimum comfort setting in your specific area. With energy saving a major factor in the design, the feature rich Solaira SMaRT 30-Dual Voltage can automatically manage the heating system.

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%. Installation of the unit is simple and once installed our solid-state controller is relatively maintenance-free.

Temperature Monitoring
The controller has a built in temperature sensor that monitors the temperature and inhibits the heaters when the temperature exceeds a pre-determined set point of between 41°F (5°C) to 77°F (25°C). The controller can also be fitted with an optional remote location temperature sensor if the controller is in a different area then the heater location.

Occupancy Monitoring (optional)
If you want to have the heaters turn on and off automatically based on people in the space, the controller can also be fitted with an optional remote Occupancy Monitor. When the controller is equipped with the optional Occupancy Monitor, the heaters are switched on for a user-settable time period of between 5 and 60 minutes.

Remote Controlled (optional)
An optional remote control allows for the ultimate convenience.

Why Invest in Quality Solaira SMaRT Controls…..

The thought of the heaters being left on is a constant concern for business operators and home owners alike regardless of your installation. The Solaira SMaRT Series Controller was designed to minimize this concern and ensure your guests are kept warm and not the furniture when no one is there. With maximizing comfort and minimizing energy consumption, the Solaira SMaRT 30-Dual Voltage Variable Controller allows you to concentrate on your business and entertaining and not on whether the heaters are still switched on?

The Solaira SMaRT 30-Dual Voltage Variable Controller has been engineered to allow the user to vary the output of the heaters for the ideal comfort level. With the temperature monitoring feature and the addition of an optional remote control or occupancy monitor, the user can manage a comfortable environment and ensure energy is not wasted while money is being saved.

NOTE: SMART30-DV (120V OR 240V DUAL VOLTAGE) SUPEREDDES SMaRT60240 (240V ONLY SINGLE VOLTAGE)
TECHNICAL SPECIFICATION

Voltage

Electrician Selectable Dual Voltage
208 - 240Vac or 110 – 120V, 50/60 Hz

Max Wattage

6.4 kW total @ 208-240V, 3.2kW total 110-120V

Max Ampere

30 A

Temperature on/off set point

41°F (5°C) to 77°F (25°C)

Factory set on/off point

70°F (20°C)

Enclosure

Surface Mounted, heat sink at rear

Enclosure operating temperature range:

-4°F (-20°C) to 104°F (40°C)

Enclosure Material/ Protection Rating

UL94 certified enclosure, IP65 Water Proof for outdoor/indoor use

Dimensions

11” X 6-5/8” X 3-1/8” (280 X 170 X 80 mm)

Certification

cETL SPE-1000, CE

Wireless Handheld Remote (optional)
Part # SMRTVRMT

Range
30’ (6 Meters)

Occupancy Monitoring Sensor (optional)
Part # SMRTVOCC

Operating Voltage
12V dc

Detect angle and range
90° Adjustable up to 50° (18 Meters)

Outdoor Remote Location Temperature Sensor (optional)
Part # SMRTVTEMR

Dimensions
4-5/8” X 4-3/8” X 2-1/8” (115 X 110 X 55 mm)

WARNING: RISK OF INJURY OR DEATH
ASSURE ALL POWER IS OFF FOR INSTALLATION OR SERVICE
ALL SOLAIRA HEATERS AND CONTROLLERS SHOULD BE INSTALLED BY CERTIFIED ELECTRICIANS TO LOCAL STATE/PROVINCE NEC CODE

SOLAIRA SMaRT30-DV VARIABLE CONTROL

JOB NAME __________________________________________ JOB LOCATION ________________________________
ARCHITECT ________________________________ ENGINEER ________________________________
CONTRACTOR ________________________________ SUBMITTED BY _____________________________ DATE ________
ITEM SPEC ___________________________ add options ___________________ QTY __________

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