

# SAIEGO®

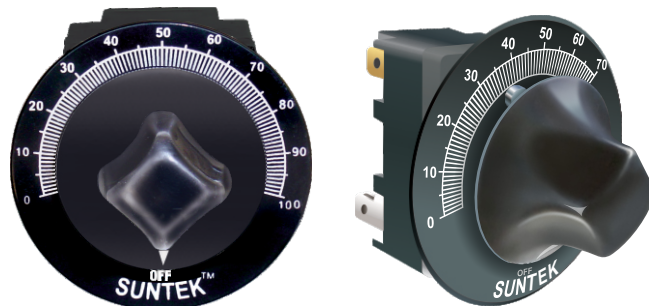
Quality controls since 1989

## SUNSIM ENERGY REGULATORS (HEAVY DUTY MODEL)



- ◆ Compact design
- ◆ All Brass Terminals
- ◆ Extra Heavy contacts

## SUNTEK ENERGY REGULATORS (POPULAR MODEL)



- ◆ Compact design
- ◆ Load Terminals in Brass
- ◆ Heavy duty contacts

**PRODUCT DESCRIPTION & INTENDED USE:** 'Saiego' range of Energy regulators are designed to control the heat from zero to full by simply turning the knob. These are used in OTG., drying cabinets, wash boilers, boiling rings, hot plates, grills, boilers, Thermoplastic / Thermosetting moulding machines, oil baths, switchgear & panel board and other domestic, commercial & industrial heating equipments.

**PRINCIPLE & FEATURES:** These have snap action switch which opens and closes the load circuit at precise time intervals. The proportion of time 'ON' to 'OFF' can be varied regulating the average power input and assuring a smooth output of heat.

**CONSTRUCTION:** There are ten arbitrary divisions from zero to full on the scale marked on a black dial with a control knob. The entire switch mechanism is mounted on a heat resistant thermosetting/thermoplastic base in 'SUNSIM' & 'SUNTEK' and is protected with a cover which withstands temperature conditions where it is designed to function. All internal parts are made heavy duty for long trouble free life. Variation of ambient temperature of upto 85°C and compensation for voltage fluctuations of upto 15% are both automatic. Within these limits the rate of heat output will not be affected once the switch is set. A thread bush with registering lugs is provided for fixing. It can be fitted in any convenient position on the control panel as there is no thermal contact.

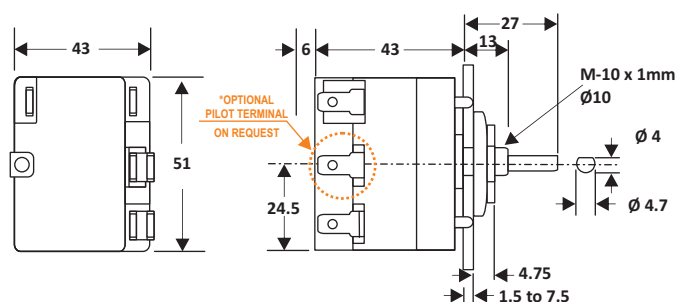


### TECHNICAL DATA:

Line Input	: For <b>SUNSIM</b> 230V + 10%, Single phase, 50Hz, 1.5Kw Max continuous use & up to 3Kw for 3 hours Max.
	: For <b>SUNTEK</b> 230V + 10%, Single phase, 50Hz, 1Kw Max continuous use & up to 2Kw for 3 hours Max.
	Can supply as per customer's input specification
Range	: 6% TO 85% adjustable
Isolation	: 2.5kv A.C. for 1 minute, leakage current <3.5mA
Leakage Current	: less than 210 micro Amp. As per IS 302
Operating Temp.	: 0 to 50 degree Centigrade
Life	: 1,00,000 switching cycles under normal conditions
Dimensions	: Length - 50mm width - 41mm height - 74mm approx.
Weight	: 110gm approx. without dial plate

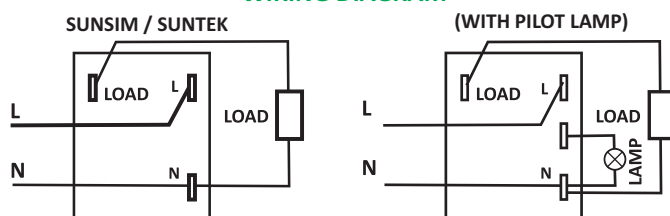
### DIENSIONS (Approx) in mm

#### SUNSIM / SUNTEK

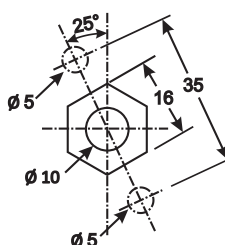


Type	Operating voltage	Power Capacity	Standard Packing
SUNSIM	200/250V AC	3KW Max for Intermittent Use 1.5KW Max For Continuous Use	50 Pcs
SUNTEK	200/250V AC	2KW Max For Intermittent Use 1KW Max For Continuous Use	50 Pcs

### WIRING DIAGRAM



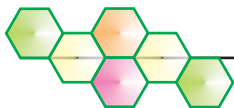
### PANEL FIXING DETAILS



Also available:



HEAT CONTROL BOX



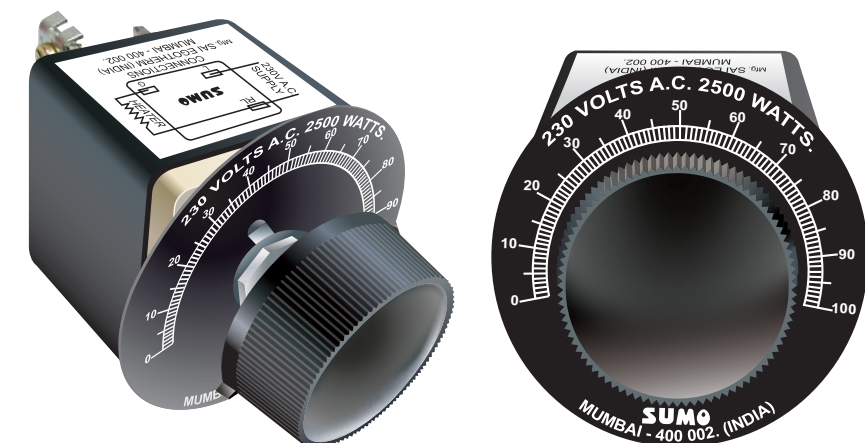
# SAIEGO®

Quality controls since 1989

## SUM0 ENERGY REGULATORS

### SUM0 model

- ◆ Robust design
- ◆ Porcelain Base
- ◆ Heavy duty contacts
- ◆ Large dial & knob



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**CONSTRUCTION:** There are ten arbitrary divisions from zero to full on the scale marked on a black dial with a control knob. The entire switch mechanism is mounted on a heavy duty porcelain base and is protected with a cover which withstands temperature conditions where it is designed to function. All internal parts are made heavy duty for long trouble free life. Variation of ambient temperature of upto 85°C and compensation for voltage fluctuations of upto 15% are both automatic. Within these limits the rate of heat output will not be affected once the switch is set. A thread bush with registering lugs is provided for fixing. It can be fitted in any convenient position on the control panel as there is no thermal contact.



HIGH QUALITY



HIGH TECH



HIGH SAFETY

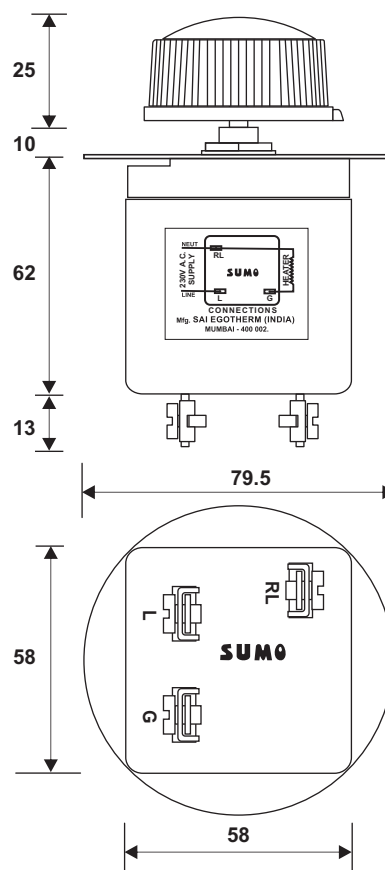


ENERGY EFFICIENT

#### TECHNICAL DATA:

Line Input	: 230V + 15%, Single phase, 50Hz, 2.5kw Max continuous use
Range	: 6% TO 85% adjustable
Isolation	: 2.5kv A.C. for 1 minute, leakage current <3.5mA
Leakage Current	: less than 210 micro Amp. As per IS 302
Operating Temp.	: 0 to 50 degree Centigrade
Life	: 1,00,000 switching cycles under normal conditions
Dimensions	: Length - 80mm width - 80mm height - 75mm approx.
Weight	: 325gm approx.

#### DIENSIONS (Approx) in mm



#### Type

Operating voltage

Power Capacity

Standard Packing

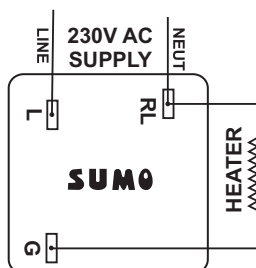
**SUM0**

230V AC +/-15%

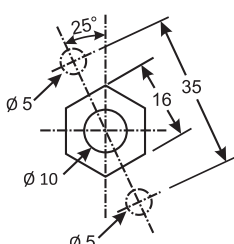
2.5KW Max  
For Continuous Use

10 Pcs

#### WIRING DIAGRAM



#### PANEL FIXING DETAILS



#### Also available:



HEAT CONTROL BOX