

SAIEGO®

Quality controls since 1989

COMPAQ model CAPILLARY THERMOSTAT (As per IS:4165)

Compaq



COMPAQ model

- ◆ Compact Design
- ◆ Wide variety of temperature ranges
- ◆ Precise temperature control
- ◆ fast reaction time

PRODUCT DESCRIPTION: COMPAQ model Capillary Thermostats are designed for accurate and reliable temperature control for Domestic appliances, Commercial and Industrial Heating Equipments. This instrument keeps constant within the differential the temperature of any fluid or solids heated by electricity, gas or oil.

PRINCIPLE & FEATURES: A rise in temperature causes the expansion of liquid within the bulb and capillary. The liquid acts on a Phial assembly within the housing to open and close electrical contacts. i.e. A single pole single throw, normally closed circuit breaks (opens) on rise of temperature.

CONSTRUCTION: The assembly of these Thermostats consist of copper / SS capillary tube, sensing bulb & Diaphragm (Phial) filled with Liquid, fixed Thermosetting material housing and DMC (Thermosetting) switch base. A 'ABS' plastic Knob & a Dial with clear scale markings calibrated in °C is provided to set the desired temperature.

INTENDED USE: It is used in Washing machines, Coffee vending machines, Dishwashers, fryers. Electric cooker, Hot water appliances, Ind. Boilers, Grills, Ovens, Deep fryer, cooking range, storage heater, switchgear & panel boards, oil Burners, sterilizer Roaster, Dryers, oil bath, water bath incubation other domestic and industrial equipments, plastic moulding machine, kitchen equipments & Laboratory instrument etc.

INSTALLATION: On panel with two M4 size screws at centre distance of 28mm.

ALSO AVAILABLE: 1) Copper capillary in any length upto 5 Mtrs.

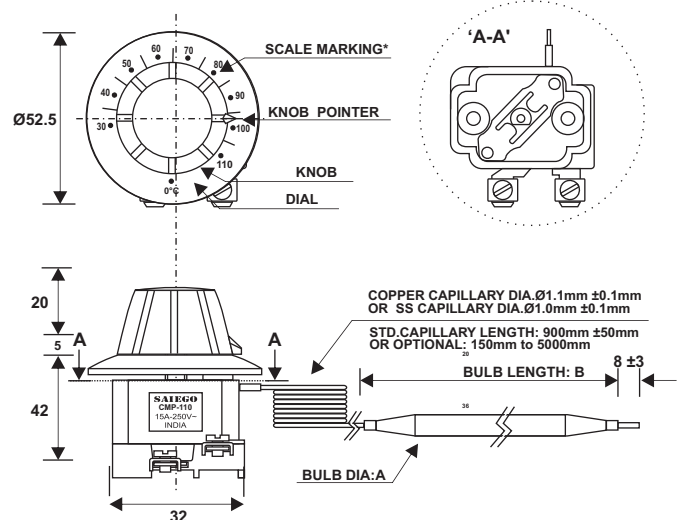
2) SS Capillary & Bulb



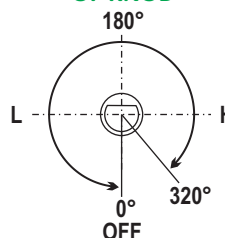
TECHNICAL DATA:

Temp. Range	: 30-85°C, 30-110°C, 50-300°C
Differential	: 3-10K or 5% of the Temperature Range
Material	: Bulb & capillary in Copper or Stainless steel.
Capillary Length	: Std L- 900mm, Optional- 150mm to 5000mm
Sensing Bulb Dia	: Copper: 4.7mm(3/16"), 6.35mm(1/4"), SS: 3mm, 6mm
Adjustment	: Control Knob with scale printed Dial.
Contact Rating	: 250V AC - 15 Amps Max.
Contact Type	: Single Pole Single Throw (SPST)
Function	: Breaks on Temp. Rise, Make on Temp. Fall.
Connections	: Brass Tab terminals A6.3X0.8 with brass cuppy & terminal screws at side.
Mounting	: On panel with two M4 screws at centre distance of 28mm.
Max. Temp. at Switch Head	: T125 (Max. 125°C)
Dielectric Strength	: 2KV
Endurance Class	: 30000 Cycles(EN60730)
Min. Capillary Bend Radius	: 5mm
Temp. Rate Of Change	: 1°K/Min.

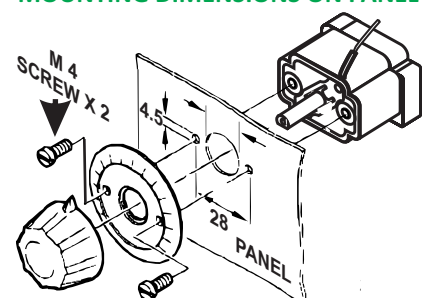
DIEMENSIONS (Approx) in mm



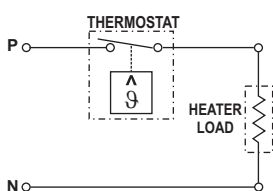
ROTATING ANGLE OF KNOB



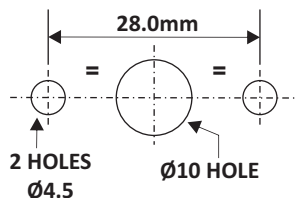
MOUNTING DIMENSIONS ON PANEL

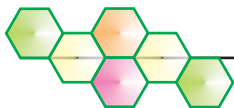


WIRING DIAGRAM



PANEL FIXING DETAILS





SAIEGO®

Quality controls since 1989

SUN model CAPILLARY THERMOSTAT (As per IS:4165)



SUN model

- ◆ Compact Design with metallic housing
- ◆ Wide variety of temperature ranges
- ◆ Precise temperature control
- ◆ fast reaction time

PRODUCT DESCRIPTION: SUN model Capillary Thermostats are designed for accurate and reliable temperature control for Domestic appliances, Commercial and Industrial Heating Equipments. This instrument keeps constant within the differential the temperature of any fluid or solids heated by electricity, gas or oil.

PRINCIPLE & FEATURES: A rise in temperature causes the expansion of liquid within the bulb and capillary. The liquid acts on a Phial assembly within the housing to open and close electrical contacts. i.e. A single pole single throw, normally closed circuit breaks (opens) on rise of temperature.

CONSTRUCTION: The assembly of these Thermostats consist of copper / SS capillary tube, sensing bulb & Diaphragm (Phial) filled with Liquid, fixed plated M.S. housing and Thermostat switch base. A 'ABS' plastic Knob & a Dial with clear scale markings calibrated in °C is provided to set the desired temperature.

INTENDED USE: It is used in Washing machines, Coffee vending machines, Dishwashers, fryers. Electric cooker, Hot water appliances, Ind. Boilers, Grills, Ovens, Deep fryer, cooking range, storage heater, switchgear & panel boards, oil Burners, sterilizer Roaster, Dryers, oil bath, water bath incubation other domestic and industrial equipments, plastic moulding machine, kitchen equipments & Laboratory instrument etc.

INSTALLATION: On panel with two M4 size screws at centre distance of 28mm.

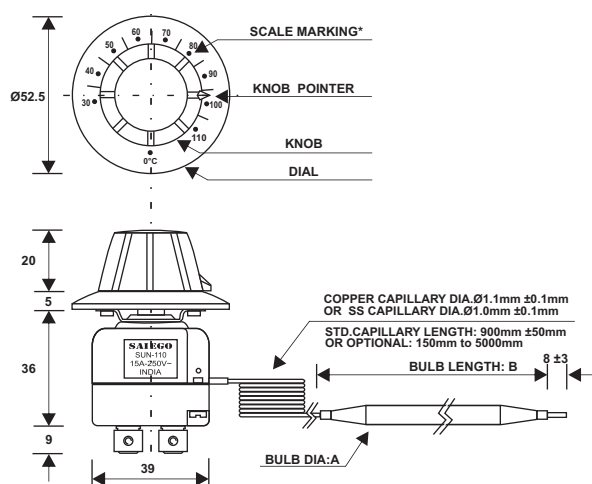
ALSO AVAILABLE: Copper capillary in any length upto 5 Mtrs.



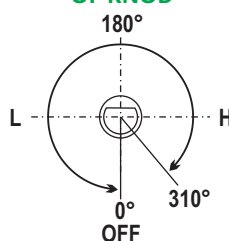
TECHNICAL DATA:

Temp. Range	: 30-110°C, 50-300°C
Differential	: 3-10K or 5% of the Temperature Range
Material	: Bulb & capillary in Copper or Stainless steel.
Capillary Length	: Std L- 900mm, Optional- 150mm to 5000mm
Sensing Bulb Dia	: Copper: 4.7mm(3/16"), 6.35mm(1/4"), SS: 3mm, 6mm
Adjustment	: Control Knob with scale printed Dial.
Contact Rating	: 250V AC - 15 Amps Max.
Contact Type	: Single Pole Single Throw (SPST)
Function	: Breaks on Temp. Rise, Make on Temp. Fall.
Connections	: Brass Tab terminals A6.3X0.8 with brass cuppy & terminal screws in the bottom
Mounting	: On panel with two M4 screws at centre distance of 28mm.
Max. Temp. at Switch Head	: T125 (Max. 125°C)
Dielectric Strength	: 2KV
Endurance Class	: 30000 Cycles(EN60730)
Min. Capillary Bend Radius	: 5mm
Temp. Rate Of Change	: 1°K/Min.

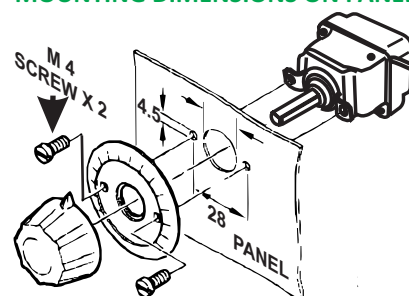
DIEMENSIONS (Approx) in mm



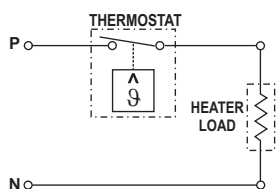
ROTATING ANGLE OF KNOB



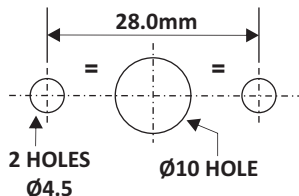
MOUNTING DIMENSIONS ON PANEL

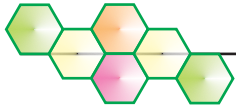


WIRING DIAGRAM



PANEL FIXING DETAILS





SAIEGO®

Quality controls since 1989

SDLX model CAPILLARY THERMOSTAT (As per IS:4165)

**Super
Deluxe**

SDLX model

- ◆ Robust Design
- ◆ Wide variety of temperature ranges
- ◆ Precise temperature control
- ◆ fast reaction time

PRODUCT DESCRIPTION: SDLX model Capillary Thermostats are designed for accurate and reliable temperature control for Domestic appliances, Commercial and Industrial Heating Equipments. This instrument keeps constant within the differential the temperature of any fluid or solids heated by electricity, gas or oil.

PRINCIPLE & FEATURES: A rise in temperature causes the expansion of liquid within the bulb and capillary. The liquid acts on a Phial assembly within the housing to open and close electrical contacts. i.e. A single pole single throw, normally closed circuit breaks (opens) on rise of temperature. (optional single pole single throw contacts can be provided)

CONSTRUCTION: The assembly of these Thermostats consist of copper / SS capillary tube, sensing bulb & Diaphragm (Phial) filled with Liquid, fixed in Thermoset switch base and covered with plated M.S. housingbody. A 'ABS' plastic Knob with clear scale markings calibrated in °C and metallic /plastic Bezel is provided to set the desired temperature.

INTENDED USE: It is used in Washing machines, Coffee vending machines, Dishwashers, fryers. Electric cooker, Hot water appliances, Ind. Boilers, Grills, Ovens, Deep fryer, cooking range, storage heater, switchgear & panel boards, oil Burners, steriliser Roaster, Dryers, oil bath, water bath incubation other domestic and industrial equipments, plastic moulding machine, kitchen equipments & Laboratory instrument etc.

INSTALLATION: On panel with two M4 size screws at centre distance of 30mm.

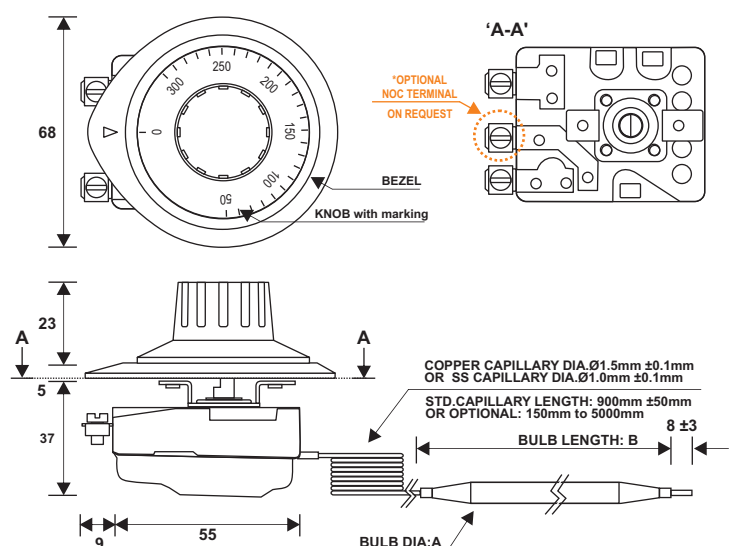
ALSO AVAILABLE: 1.Copper capillary in any length upto 5 Mtrs. 2. Normally open contacts (NOC)



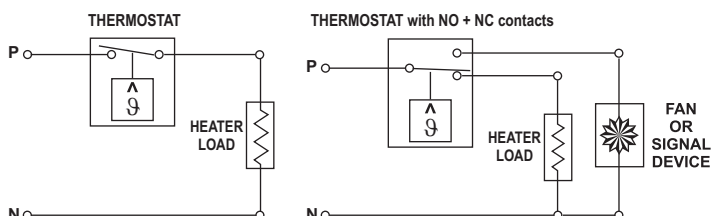
TECHNICAL DATA:

Temp. Range	: 30-110°C, 50-300°C
Differential	: 3-10K or 5% of the Temperature Range
Material	: Bulb & capillary in Copper or Stainless steel.
Capillary Length	: Std L- 900mm, Optional- 150mm to 5000mm
Sensing Bulb Dia	: Copper: 4.7mm(3/16"), 6.35mm(1/4"), SS: 3mm, 6mm
Adjustment	: Scale printed Control Knob with Bezel.
Contact Rating	: 250V AC - 15 Amps Max.
Contact Type	: Single Pole Single Throw (SPST) Single Pole Double Throw (SPST) - (optional)
Function	: Breaks on Temp. Rise, Make on Temp. Fall.
Connections	: Brass Tab terminals A6.3X0.8 with brass cuppy & terminal screws at side
Mounting	: On panel with two M4 screws at centre distance of 30mm.
Max. Temp. at Switch Head	: T125 (Max. 125°C)
Dielectric Strength	: 2KV
Endurance Class	: 30000 Cycles(EN60730)
Min. Capillary Bend Radius	: 5mm
Temp. Rate Of Change	: 1°K/Min.

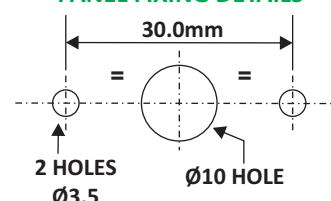
DIEMENSIONS (Approx) in mm



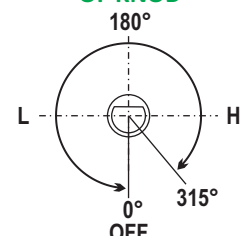
WIRING DIAGRAM

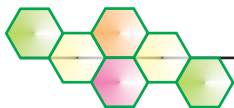


PANEL FIXING DETAILS



ROTATING ANGLE OF KNOB





SAIEGO®

Quality controls since 1989

SAI model CAPILLARY THERMOSTAT (As per IS:4165)

SAI



SAI model

- ◆ Classic Design
- ◆ Wide variety of temperature ranges
- ◆ Precise temperature control
- ◆ fast reaction time

PRODUCT DESCRIPTION: SDLX model Capillary Thermostats are designed for accurate and reliable temperature control for Domestic appliances, Commercial and Industrial Heating Equipments. This instrument keeps constant within the differential the temperature of any fluid or solids heated by electricity, gas or oil.

PRINCIPLE & FEATURES: A rise in temperature causes the expansion of liquid within the bulb and capillary. The liquid acts on a Phial assembly within the housing to open and close electrical contacts. i.e. A single pole single throw, normally closed circuit breaks (opens) on rise of temperature. (optional single pole single throw contacts can be provided)

CONSTRUCTION: The assembly of these Thermostats consist of copper / SS capillary tube, sensing bulb & Diaphragm (Phial) filled with Liquid, fixed Thermosetting material body and Thermosetting switch base. A 'ABS' plastic Knob with clear scale markings calibrated in °C and metallic is provided to set the desired temperature.

INTENDED USE: It is used in Washing machines, Coffee vending machines, Dishwashers, fryers. Electric cooker, Hot water appliances, Ind. Boilers, Grills, Ovens, Deep fryer, cooking range, storage heater, switchgear & panel boards, oil Burners, steriliser Roaster, Dryers, oil bath, water bath incubation other domestic and industrial equipments, plastic moulding machine, kitchen equipments & Laboratory instrument etc.

INSTALLATION: On panel with two M4 size screws at centre distance of 45mm.

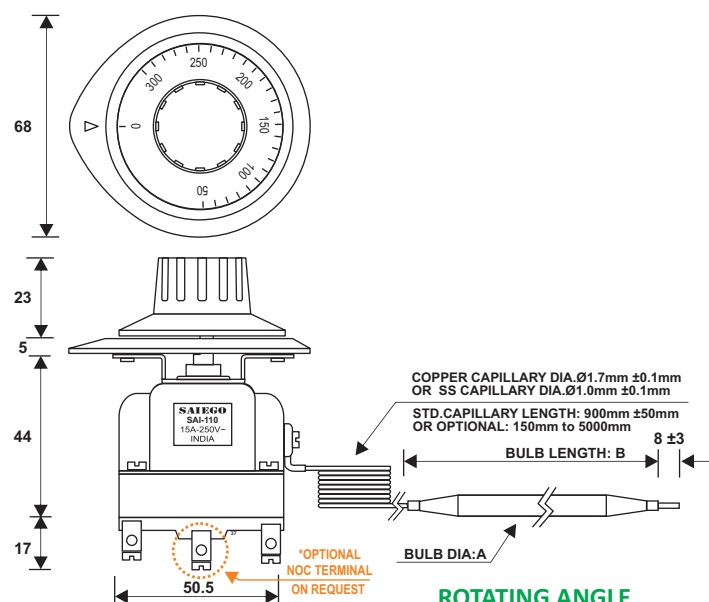
ALSO AVAILABLE: 1.Copper capillary in any length upto 5 Mtrs. 2. Normally open contacts (NOC)



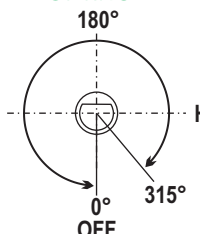
TECHNICAL DATA:

Temp. Range	: 30-110°C, 50-300°C
Differential	: 3-10K or 5% of the Temperature Range
Material	: Bulb & capillary in Copper or Stainless steel.
Capillary Length	: Std L- 900mm, Optional- 150mm to 5000mm
Sensing Bulb Dia	: Copper: 4.7mm(3/16"), 6.35mm(1/4"), SS: 3mm, 6mm
Adjustment	: Scale printed Control Knob with Bezel.
Contact Rating	: 250V AC - 15 Amps Max.
Contact Type	: Single Pole Single Throw (SPST) Single Pole Double Throw (SPST) - (optional)
Function	: Breaks on Temp. Rise, Make on Temp. Fall.
Connections	: Brass Tab terminals Pillar type terminals with dia holes & M-3 screws at bottom
Mounting	: On panel with two M4 screws at centre distance of 45MM
Max. Temp. at Switch Head	: T125 (Max. 125°C)
Dielectric Strength	: 2KV
Endurance Class	: 30000 Cycles(EN60730)
Min. Capillary Bend Radius	: 5mm
Temp. Rate Of Change	: 1°K/Min.

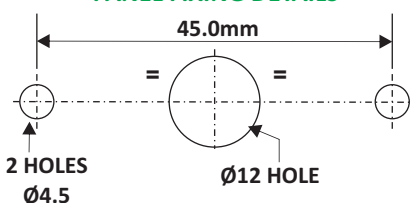
DIEMENSIONS (Approx) in mm



ROTATING ANGLE OF KNOB



PANEL FIXING DETAILS



WIRING DIAGRAM

