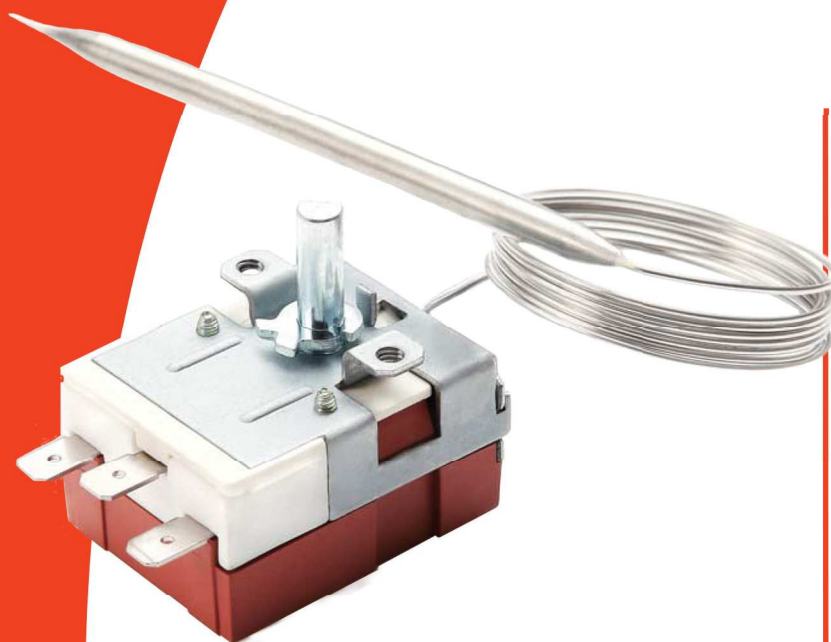


Capillary Thermostat

TS
TSR
RST
RNTS
T103
T125
L117

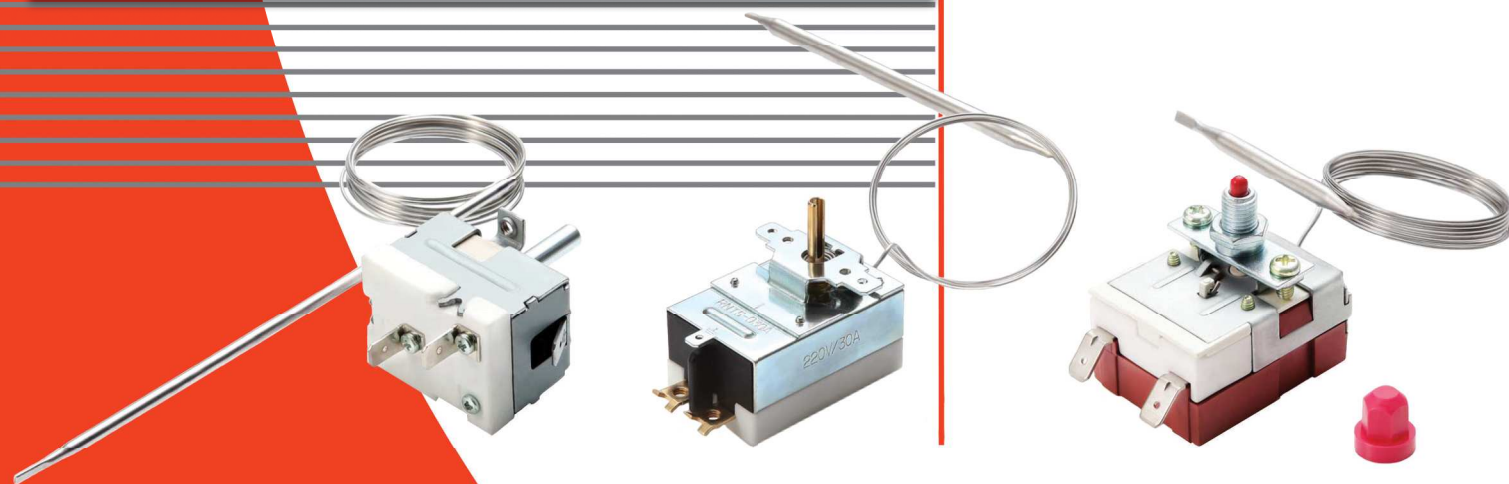


Applications

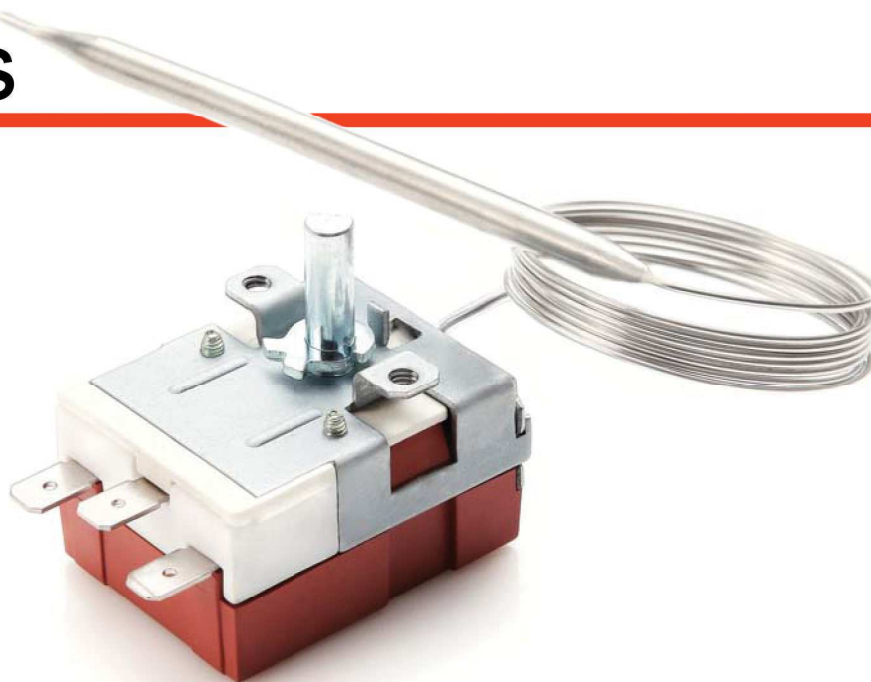
- Electric cookers
- Deep-fat-fryers
- Commercial refrigerators
- Cold storage
- Water heater
- Fan heater

Advantages

- High level of accuracy and sensitivity
- Customer specified temperature ranges
- Broad product line
- Various spindle length
- Strong withstand against various ambient circumstance



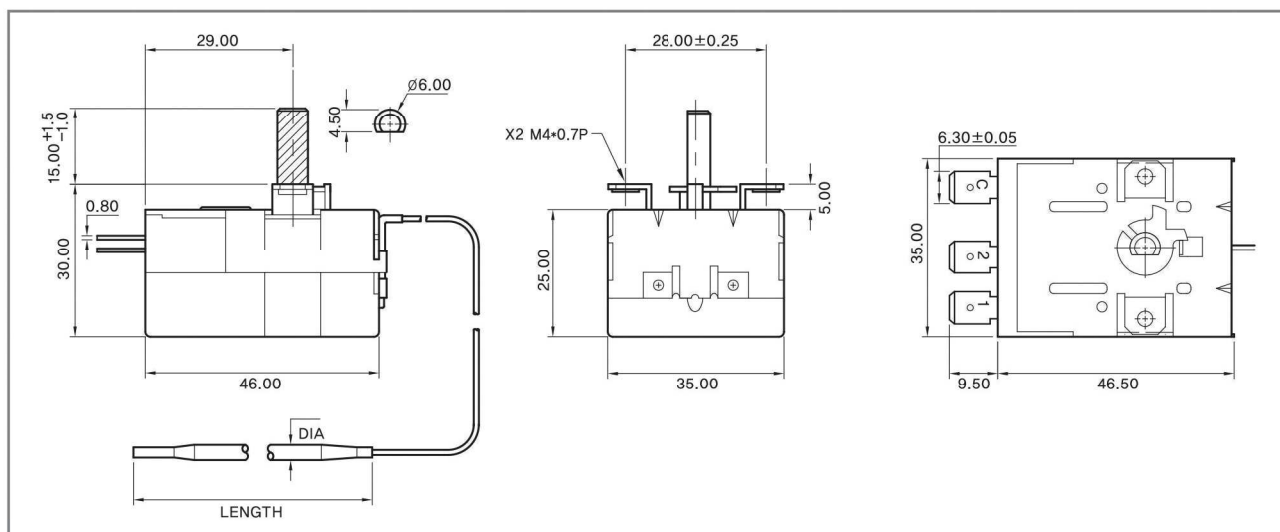
TS-Series



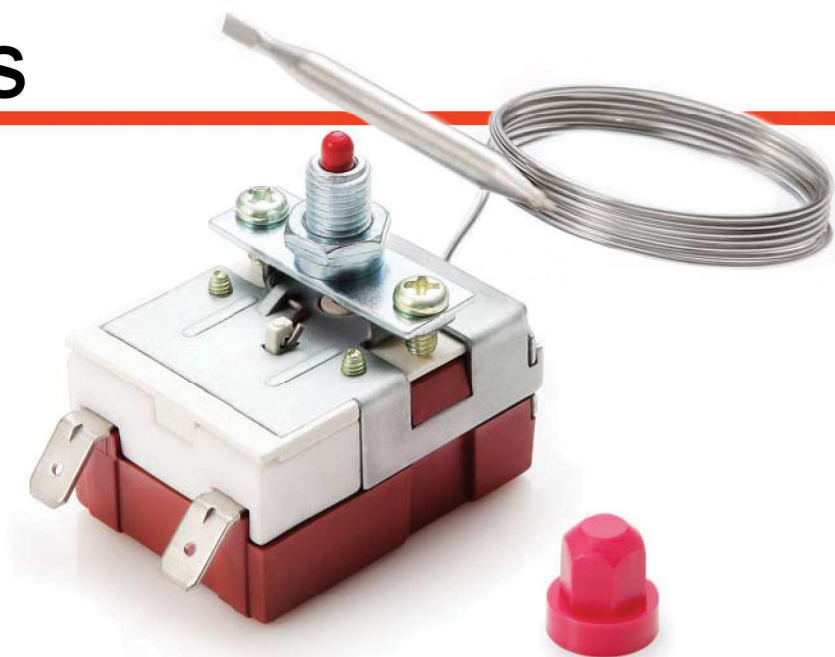
Specification

Model	Temp. Range	Accuracy	Bulb	Specification
TS-030S	-30 °C ~ 30 °C	± 2 °C	5.8 Ø X 125 mm	- Capillary : 1000mm(250mm ~ 2000mm) - Knob(Dial) : R or B - Stuffing Bolt : PT1/4, M12, M14 - Mounting Distance : 28mm - Electric Rating : 20A/250V
TS-050S	0 °C ~ 50 °C	± 2 °C	5.8 Ø X 125 mm	
TS-090S	0 °C ~ 90 °C	± 3 °C	5.8 Ø X 125 mm	
TS-120S	0 °C ~ 120 °C	± 3 °C	5 Ø X 101 mm	
TS-200S	50 °C ~ 200 °C	± 8 °C	5 Ø X 83.5 mm	
TS-320S	50 °C ~ 320 °C	± 10 °C	3 Ø X 143 mm, 5 Ø X 55 mm	

Drawing



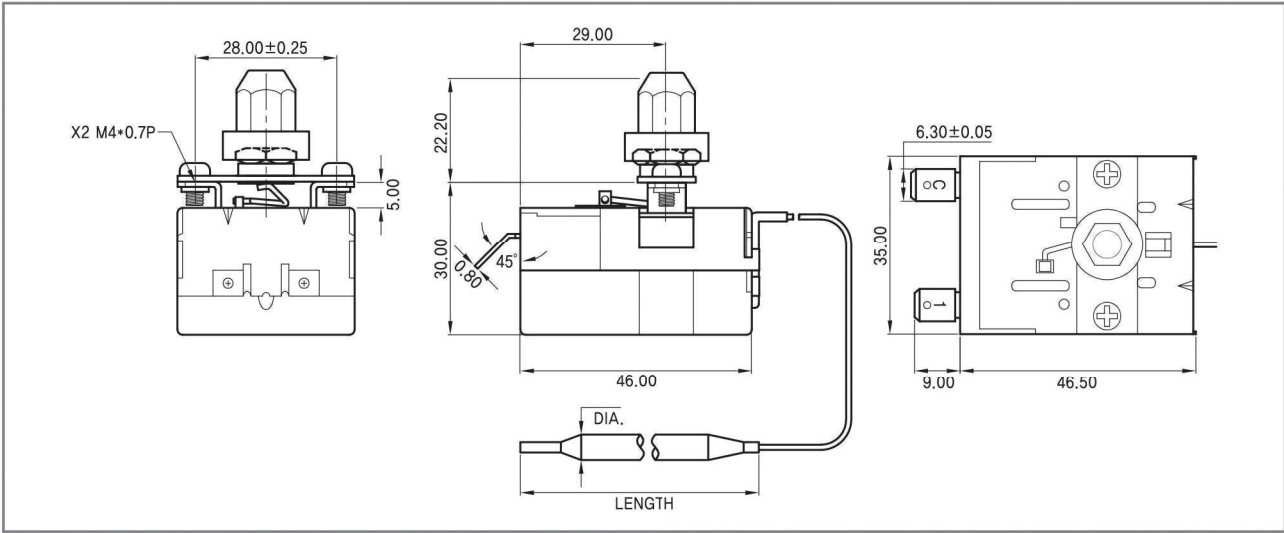
TSR-Series



Specification

Model	Temp. Range	Accuracy	Bulb	Specification
TSR-XXXSF	Pre - set at up to 350 °C	± 3 °C ~ 10 °C	3 ~ 5.8 Ø	- Capillary : 1000mm(250mm ~ 2000mm) - Stuffing Bolt : PT1/4, M12, M14 - Electric Rating : 20A / 250V

Drawing



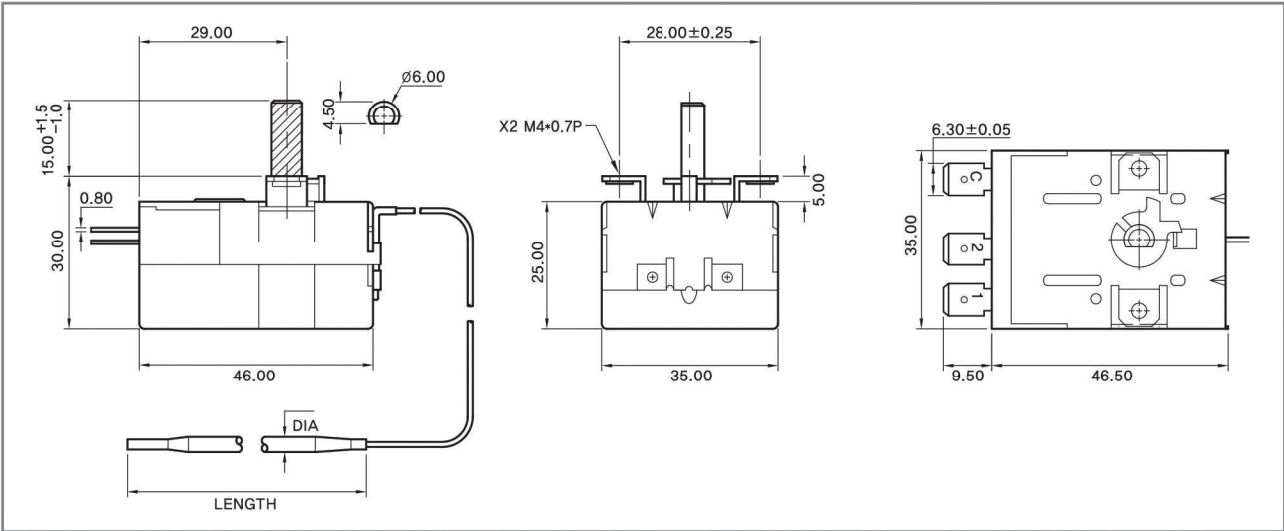
RST-Series



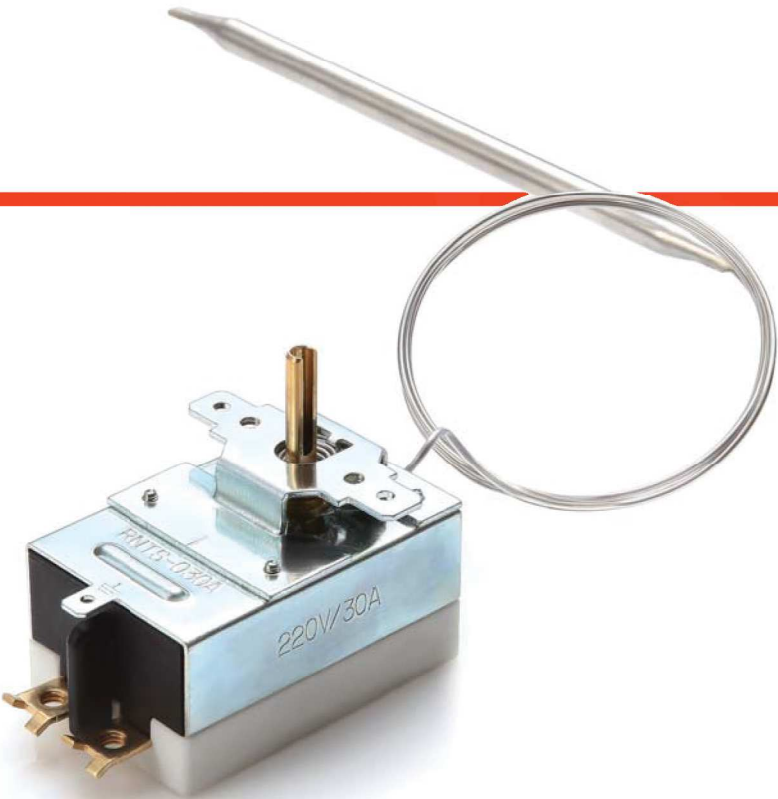
Specification

Model	Temp. Range	Accuracy	Bulb	Specification
RST-120S	0 °C ~ 120 °C	± 3 °C	5 Ø X 101 mm	- Capillary : 1000mm(250mm ~ 2000mm) - Knob(Dial) : R or B - Stuffing Bolt : PT1/4, M12, M14 - Mounting Distance : 28mm - Electric Rating : 20A / 250V
RST-200S	50 °C ~ 200 °C	± 8 °C	5 Ø X 83.5 mm	
RST-300S	50 °C ~ 300 °C	± 10 °C	3 Ø X 156 mm	
RST-320S	50 °C ~ 320 °C	± 10 °C	3 Ø X 143 mm, 5 Ø X 55 mm	

Drawing



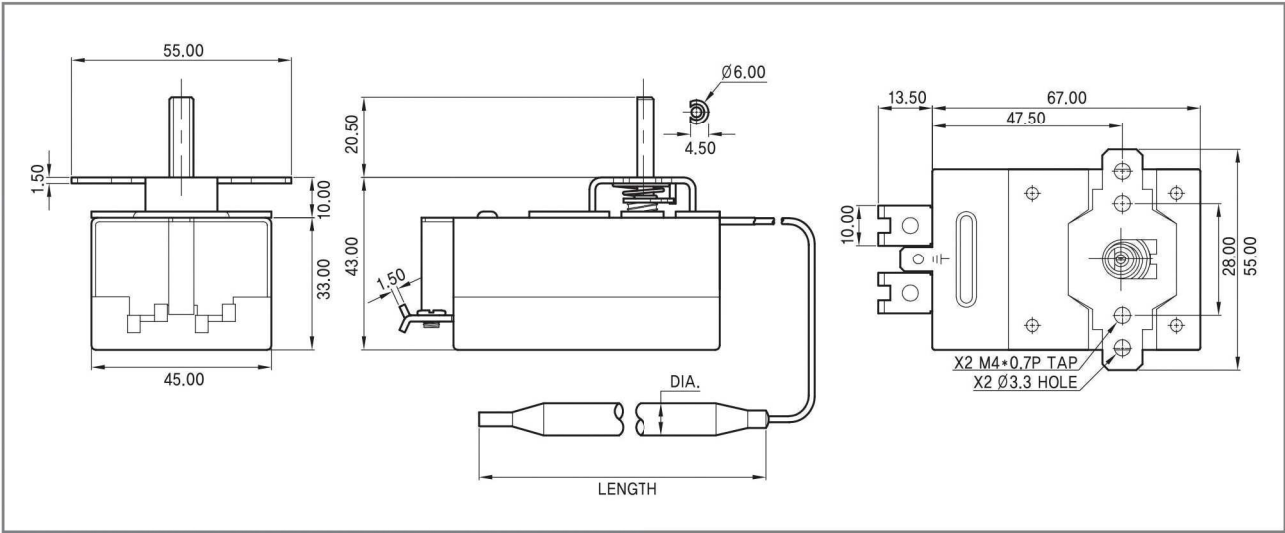
RNTS-Series



Specification

Model	Temp. Range	Accuracy	Bulb	Specification
RNTS-080C	0 °C ~ 90 °C	± 4 °C	9.5Ø X 159 mm	- Capillary : 1000mm - Knob (Dial) : B - Stuffing Bolt : PT3/8" - Mounting Distance : 28 mm - Electric Rating : 30A / 250V
RSTS-120S	0 °C ~ 120 °C	± 4 °C	8Ø X 166 mm	
RNTS-320S	50 °C ~ 250 °C	± 10 °C	5.8Ø X 153 mm	

Drawing



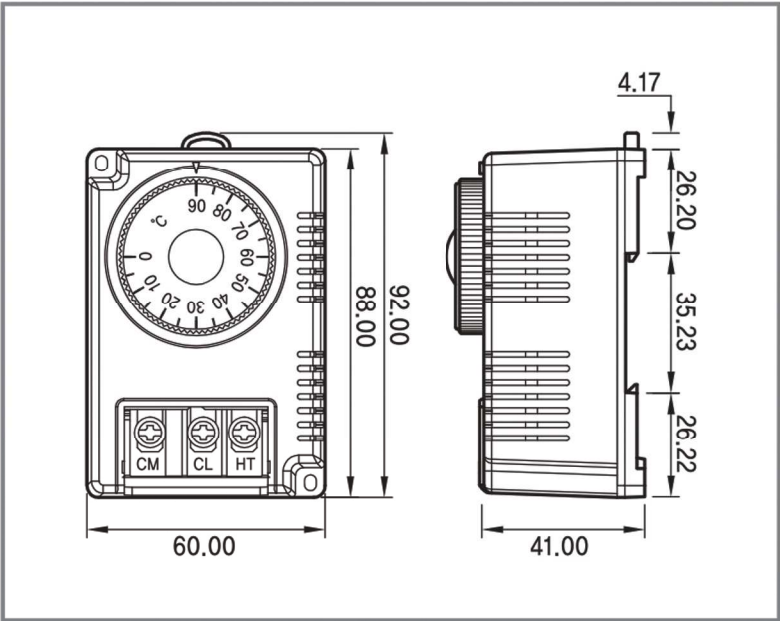
PTSC-090 Series



Specification

Model	Temp. Range	Accuracy	Specification
PTSC-090C	0 °C ~ 90 °C	± 4 °C	- Screw terminals for un-loosing - Special design for installing on a DIN rail inside a control cabinet - 20A/250V
PTSC-050C	0 °C ~ 50 °C	± 3 °C	

Drawing

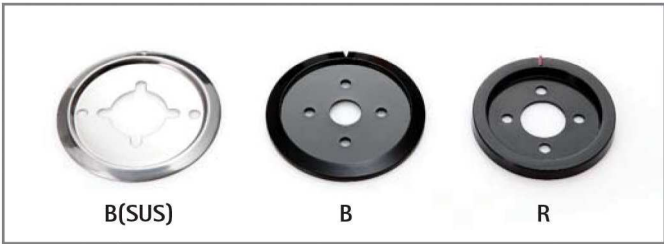


Option and Accessory

Bulb Type



Bezel Type



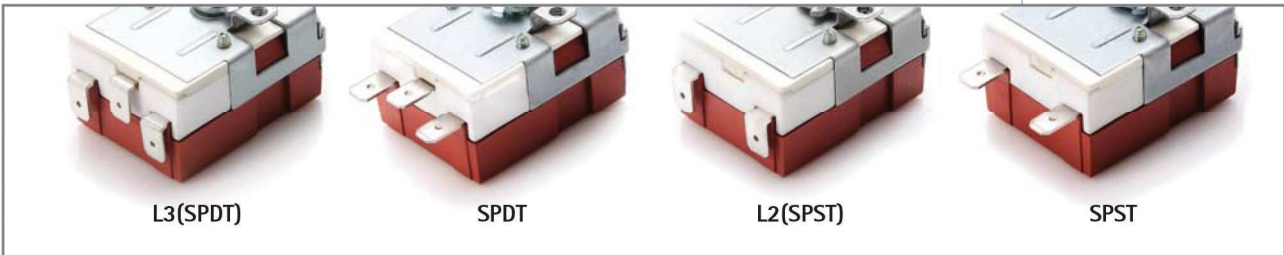
Knob Type



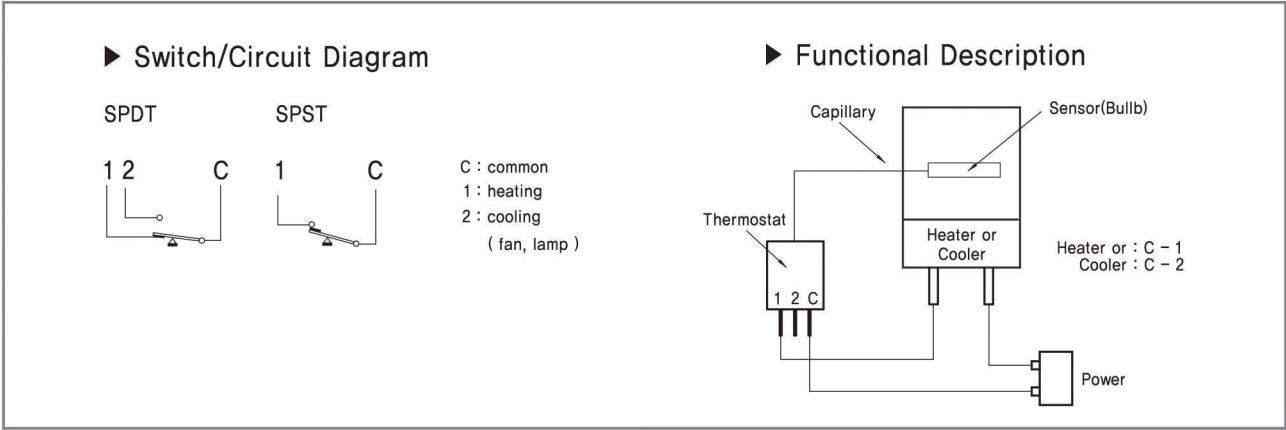
Stuffing Bolt



Terminal Type

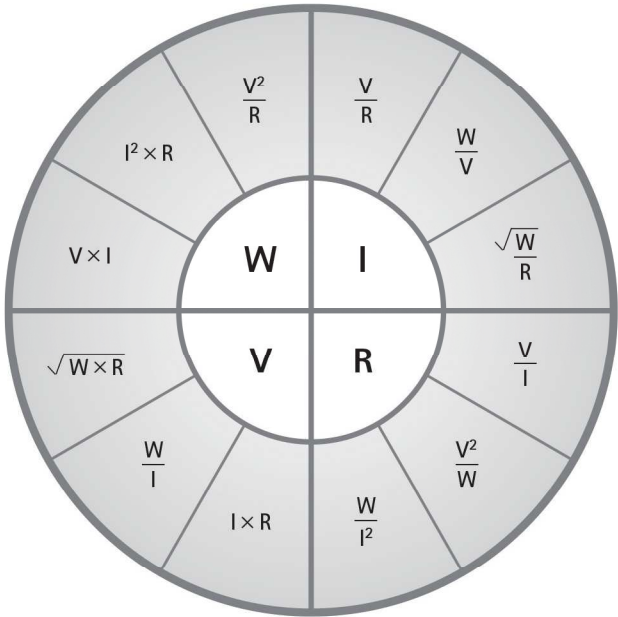


Tip from Tech



Ohms Law Made Easy

V = VOLTS I = CURRENT IN AMPS
W = WATTS R = HOT RESISTANCE IN OHMS



Model	Temp. Range	Ratings	Switch Action	Shaft Range	Ambient Temp.	Tab Terminal	Application
TS	up to 320 °C	20A / 250	SPST SPDT	270	120 °C	Straight, 90°	*Electric Cookers *Deep-fat-fryers
TSR	up to 350 °C Safety Limiter	20A / 250V 30A / 250V	SPST	N/A	120 °C	45° Angled	*Coffee Machines *Vending Machines *Cooking Appliances *Water Heater
RST	up to 320 °C	20A / 250V 30A / 250V	SPST SPDT	270	120 °C	Straight	*Storage Water Heaters *Boilers *Solar Heaters
RNTS	up to 320 °C	30A / 250V	SPST	270	120 °C	Straight	*Control Cabinet *Space Heaters
PTSC	0°C ~ 90°C	20A / 250V	SPDT	270	100 °C	Straight	

* Thermostat 30A / 250V : on customer's demand only, no certificate applied.



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Deviations from standard controls on request.



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