








S102 SERIES

SNAP-ACTION BIMETAL THERMOSTAT (SINGLE or DOUBLE ACTION)

SPECIFICATION:

SINGLE or DOUBLE ACTION BIMETAL THERMOSTAT	
APPLICATION	AVAILABLE FOR OVEN , MICROWAVE OVEN, ELECTRIC JAR POT, RAPID WATER-HEATERS , HEATER , COFFEE MAKERS , COPYING MACHINES , VACUUM CLEANER , WASHING MACHINE AND WATER PUMP.
ELECTRICAL RATING (RESISTIVE LOAD)	125 VAC / 15A , 250 VAC / 10A , 250 VAC / 16A
OPERATING TEMP RANGE.	10 'C to 150 'C
TEMP TOLERANCE	OPERATING TEMP. +5 'C (RETURN TEMP. +7'C FOR DOUBLE DISK ACTION)
CIRCUIT RESISTANCE (INITIAL VALUE)	50 m.Ω (m-Ohms) or LESS.
INSULATION RESISTANCE.	100 MΩ (M.-Ohms) or MORE (WITH 500 VDC MEGGER)
DIELECTRIC STRENGTH.	1500 VAC / MINUTE OR 1800 VAC / SEC.
HEAT DURABILITY	150 'C (PHENOLIC) 185 'C (POLYESTER)
SWITCHING DURABILITY	<div> <div> 125VAC/15A =1,000 Cycle 250VAC/10A =1,000 Cycle 250VAC/16A = 1,000 Cycle 250VAC/17A = 1,000 Cycle 250VAC/25A = 1,000 Cycle </div> <div>TÜV</div> </div> <div> <div> 125VAC/15A =6,000 Cycle 250VAC/8A =6,000 Cycle </div> <div>UL</div> </div>
TRACKING RESISTANCE	UNSATURATED POLYESTERS RESIN USED FOR CASE AND RODGUIDE, SHALL BE FOLLOWED PTI VALUE MORE THAN 600 V., PHENOLIC USE FOR CASE AND ROD GUIDE SHALL BE FOLLOWED PTI VALUE MORE THAN 175V
STANDARD COMPLIANTS	    
ADDITIONAL COMPLIANTS NEEDS	AVAILABLE UPON REQUEST.
* LOW TOLERANCE LESS THAN STANDARD TYPE IS ALSO AVAILABLE. * ELECTRICAL RATING BY VOLTAGE DC IS ALSO AVAILABLE.	