



S104 SERIES
1/2" BIMETAL THERMOSTAT
CDH-SURGE PROTECTION
(Snap Action)



ADVANCE THERMO TECHNOLOGY CO., LTD.

PRODUCT DATA SHEET



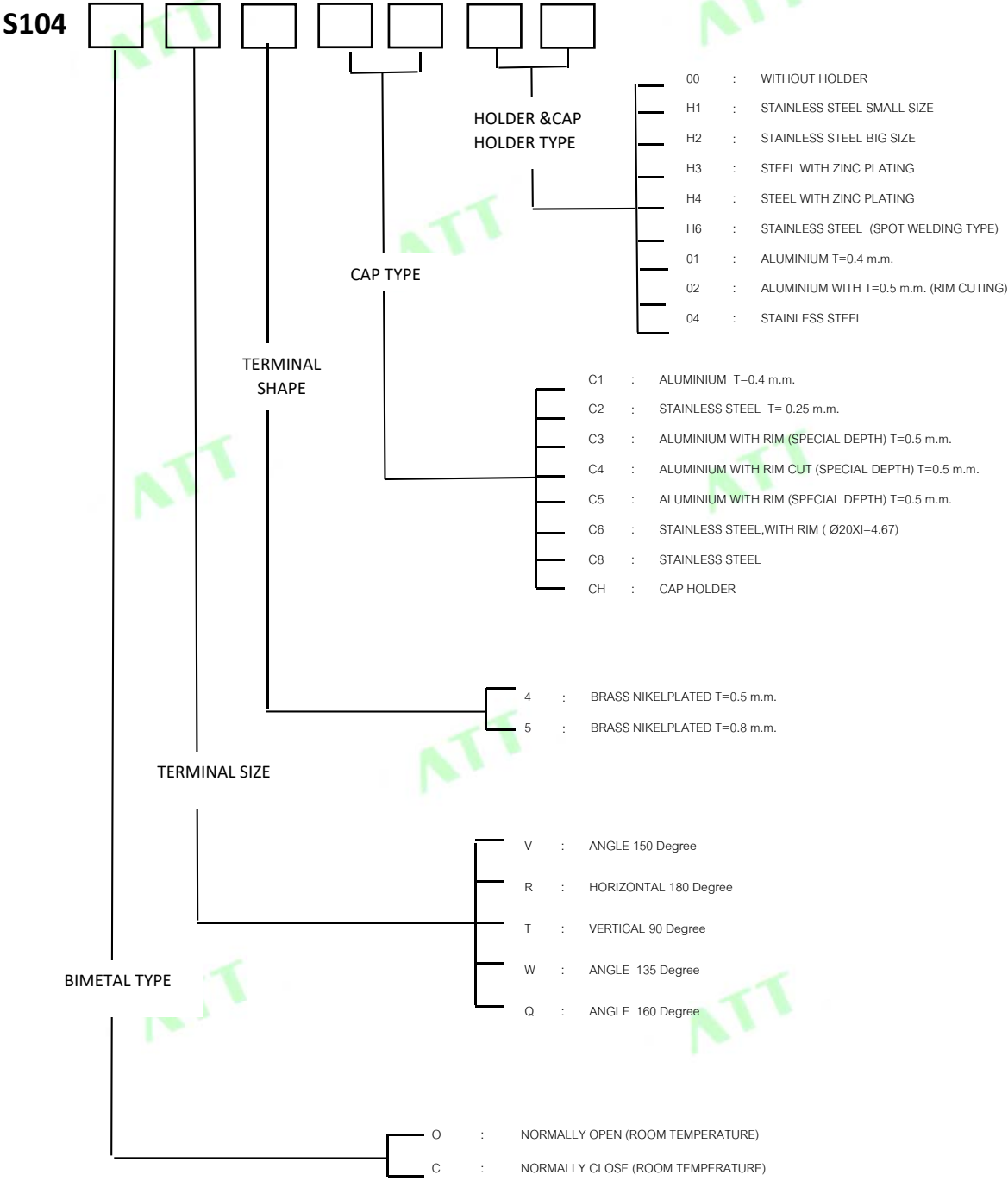
S104 SERIES

SNAP-ACTION BIMETAL THERMOSTAT (VYLOGGLASS)

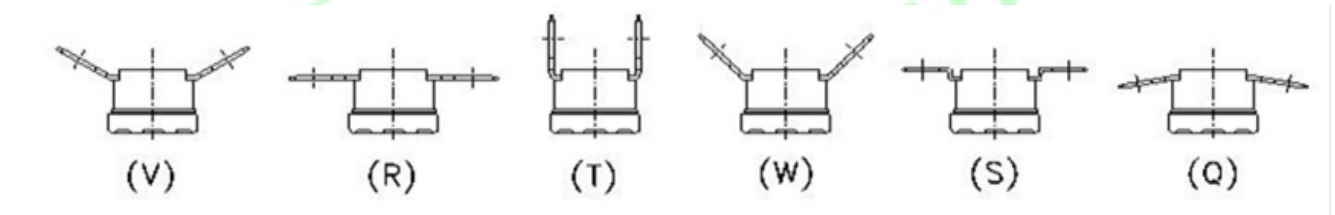
SPECIFICATION:

AUTOMATIC RESET BIMETAL THERMOSTAT	
APPLICATION	AVAILABLE FOR MICROWAVE OVEN, ELECTRIC JAR POT, RAPID WATER-HEATERS , HEATERS , COFFEE MAKERS ,AND COPYING MACHINES
ELECTRICAL RATING (RESISTIVE LOAD)	125 VAC / 15A , 250 VAC / 10A ; 250 VAC/16A
OPERATING TEMP RANGE.	- 5 'C to 185 'C (UPON CUSTOMER REQUIREMENT)
DIFFERENTIAL, BETWEEN OPERATION AND RETURN TEMP	8 'C OR MORE (AUTOMATIC RESET) RETURN TEMP LESS THAN -35 'C (SINGLE OPERATION)
TEMP TOLERANCE	OPERATING TEMP. +,- 4 'C / RETURN TEMP. +,- 7 'C (STANDARD)
CIRCUIT RESISTANCE (INITIAL VALUE)	50 mΩ or LESS.
INSULATION RESISTANCE.	100 MΩ or MORE (WITH 500 VDC MEGGER)
DIELECTRIC STRENGTH.	1500 VAC / MINUTE OR 1800 VAC / SEC.
HEAT DURABILITY	185 'C
SWITCHING DURABILITY	100,000 CYCLES OR MORE (AT 10A), 30,000 CYCLES (AT 16A)
TRACKING RESISTANCE	UNSATURATED POLYESTERS RESIN VYLOGGLASS VG-7100 USED FOR CASE AND RODGUIDE, SHALL BE FOLLOWED PTI VALUE MORE THAN 600 V.
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.	

MODEL CODE:



TERMINAL TYPE:



DETAIL THERMINAL:

TERMINAL -1 MAT:BRASS (TIN PLATED)			
TYPE	ANGULAR (°)	TOLERANCE	
R1	0°	0	
T1	90°	±1.5°	
Q1	160°	±2°	
V1	150°	±2°	
W1	135°	±2°	

TERMINAL -2 MAT:BRASS (TIN PLATED)			
TYPE	ANGULAR (°)	TOLERANCE	
R2	0°	0	
T2	90°	±1.5°	
Q2	160°	±2°	
V2	150°	±2°	
W2	135°	±2°	

TERMINAL -3 MAT:BRASS (TIN PLATED)			
TYPE	ANGULAR (°)	TOLERANCE	
R3	0°	0	
T3	90°	±1.5°	
Q3	160°	±2°	
V3	150°	±2°	
W3	135°	±2°	

TERMINAL -D MAT:BRASS (TIN PLATED)			
TYPE	ANGULAR (°)	TOLERANCE	
RD	0°	0	
TD	90°	±1.5°	

TERMINAL -G MAT:BRASS (TIN PLATED)			
TYPE	ANGULAR (°)	TOLERANCE	
R0	0°	0	
T0	90°	±1.5°	

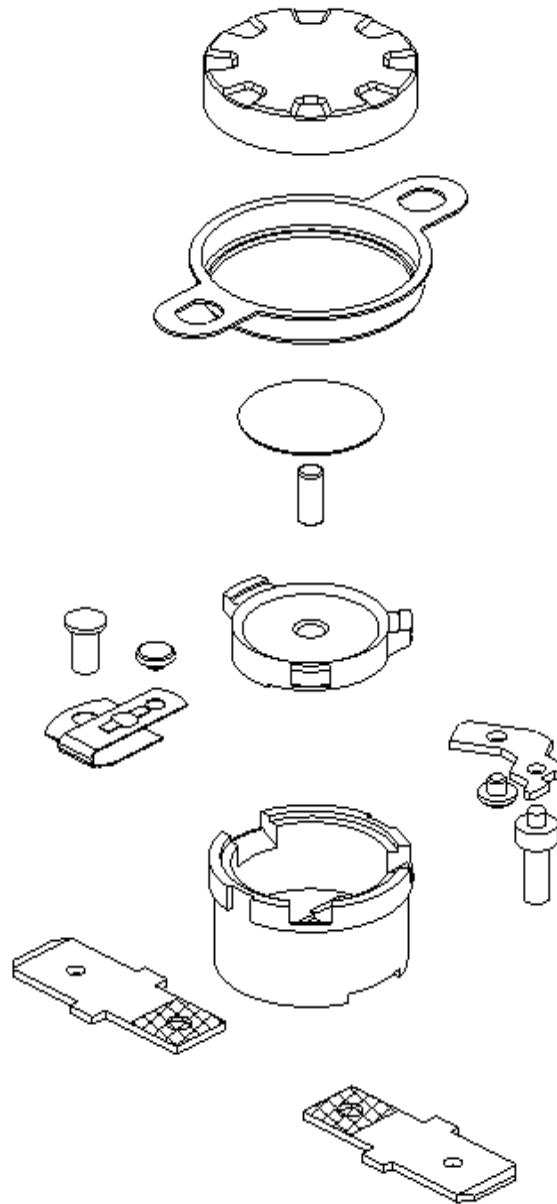
TERMINAL -I MAT:BRASS (TIN PLATED)			
TYPE	ANGULAR (°)	TOLERANCE	
RI	0°	0	
T1	90°	±1.5°	

TERMINAL -S1 MAT:BRASS (TIN PLATED)			
TYPE : S1			

TERMINAL -E MAT:BRASS (TIN PLATED)			
TYPE : RE			

TERMINAL -F MAT:BRASS (TIN PLATED)			
TYPE : RF			

STRUCTURE S104:





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