



# **MODEL SPECIFICATIONS**

## **ELECTRICAL RATINGS:**

POWER:  
24 VAC, 50/60 Hz +10%/-15% @ 50mA max.

OUTPUT:  
SPST N.O. "isolated" contacts rated @ 100,000 cycles

VOLTAGE	RESISTIVE	PILOT DUTY @ .35 PF
24 VAC	5 Amps	1 Amps

## **USER TERMINATIONS:**

1/4" x .032" (6.35 x .813 mm) male quick connects.

## **OPERATING TEMPERATURE:**

THERMOSTAT BODY  
32° to 158° F. (0° to 70° C.). 0 to 95% RH  
non-condensing. Circuit board covered with  
conformal coating.

SENSOR  
140° F. (60° C.) max.

## **SENSOR:**

10K Ohm thermistor with 48" (1.22 m) cable.

## **SETPOINT RANGE:**

45° to 107° F (7.2° to 41.7° C) with tolerance  
of ± 2° (1.1° C) at maximum setpoint.

## **CONTROL ADJUSTMENT ANGULAR ROTATION:**

260° mechanical rotation.

## **CONTROL MODE:**

ON/OFF with nominal 1° F (0.56° C) switching  
differential.

## **SETPOINT ACCURACY:**

1% of range over specified temperature range.

## **FAULT PROTECTION:**

Fail safe operation in open or shorted  
sensor conditions

					DO NOT SCALE DRAWING	UNLESS OTHERWISE SPECIFIED	CONFIDENTIAL AND PROPRIETARY		
					MATERIAL:	1) DIMENSIONS ARE IN INCHES/MILLIMETERS. 2) DIMENSIONS ARE NOMINAL AND ARE FOR REFERENCE ONLY.	THIS PRINT IS THE EXCLUSIVE PROPERTY OF TECMARK CORPORATION AND CANNOT BE REPRODUCED IN WHOLE OR IN PART OR ISSUED OR DISCLOSED TO THIRD PARTIES WITHOUT THE EXPRESSED WRITTEN CONSENT OF TECMARK CORPORATION.	NAME:	
					FINISH:			SPA CONTROL ELECTRONIC THERMOSTAT	
A	13464	RELEASE TO SALES	06/22/99	K.J.N.	MAKE FROM:	SUPERSEDES:	E.R. NUMBER: 82133E	DRAWN BY: NISHIZAKI	CHECKED BY:
LET.	EN #	DESCRIPTION	DATE	PV		SCALE: NTS	DATE: 06/22/99	DATE:	DATE:
								APPROVED BY: <i>[Signature]</i> 6-22-99	PART NUMBER: BS-ETS1000-024040LP