



STANDARD

LARGE DISPLAY - 0.5"
P CONTROL or ON/OFF
UL, CSA, CE
EASY SETTING
T/C-J/K or RTD INPUT

OPTIONS

ALARM

MODEL CODE

BTC - 404



INPUT	J - THERMOCOUPLE J K - THERMOCOUPLE K P - RTD Pt100
OUT 1	R - RELAY P - SSR DRIVE (24VDC) M - 4-20mA
ALARM	N - NONE R - RELAY
SCALE	2C - 0-200°C 4C - 0-400°C 8C - 0-800°C 2F - 0-200°F 4F - 0-400°F 8F - 0-800°F 22F - 0-2200°F

SPECIFICATIONS - ETC-404

1. INPUT

Thermocouple	J, K
RTD	Pt100 ohms RTD (DIN 43760/BS 1904 or JIS)
Range	Fixed Ranges
Accuracy	1% of SPAN
Cold Junc. Comp	0.1°C/C
Sample Rate	333mS

2. CONTROL

Proportional Band	2.2% of SPAN
On-Off	With 1% hysteresis
Cycle Time	RELAY - 20 sec, VOLT - 1 sec
Control Action	Reverse (Heating)

3. POWER

Rating	100-240VAC 15VA max
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4. OUTPUT

Relay	5A/240VAC resistive.
Pulsed Voltage	24 VDC
Current	Isolated 4-20mA Max load 500 ohms.
Alarm	Relay output, (SPST) 2A/240VAC resistive.

5. ENVIRONMENTAL

Operating Temp	-10 - 50C
Humidity	0 - 90%
Insulation	20M ohms minimum @ 500VDC
Weight	285g

6. PHYSICAL DIMENSIONS

BTC-404	96mmW x 96mmH x 67mmD
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