

## SIMPLE DIGITAL - BTC404

### BTC404 - SIMPLE DIGITAL CONTROLLER



#### STANDARD FEATURES

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

#### OPTIONS

ALARM

### SPECIFICATIONS

#### 1. INPUT

THERMOCOUPLE	J,K
RTD	Pt100 ohms RTD (DIN 43760/BS 1904 or JIS)
RANGE	Fixed Range
ACCURACY	1% of SPAN
COLD JUNC. COMP	0.1°C/C input
SAMPLE RATE	333 mS

#### 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	100-240 VAC	15VA max
--------	-------------	----------

#### 4. OUTPUT

RELAY	5A/240VAC resistive
PULSED VOLTAGE	24 VDC
CURRENT	Isolated 4-20mA Max load 500 ohms
ALARM	RELAY OUTPUT, (SPST) 2A/240 VAC resistive

#### 5. ENVIROMENTAL

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

#### 5. PHYSICAL DIMENSIONS

BTC-404	96mmW x 96mmH x 67mmD
WEIGHT	285g

### BTC404- ORDER CODE

**BTC404 - X - X - X - X**

#### INPUT

J - TYPE J THERMOCOUPLE  
 K - TYPE K THERMOCOUPLE  
 P - PT100 RTD

#### OUTPUT

R - RELAY  
 P - SSR DRIVE (24VDC)  
 M - 4-20mA

#### ALARM 1

N - NONE  
 R - RELAY

#### SCALE

2C - 0-200C  
 4C - 0-400C  
 8C - 0-800C  
 2F - 0-200F  
 4F - 0-400F  
 8C - 0-800C