

# MTC15

## HOT RUNNER CONTROL MODULE

### STANDARD FEATURES

#### DUAL DIGITAL DISPLAY

AUTOMATIC PID or FUZZY PID SELECTABLE

SOFT START (Preserves heater life) - Programmable 0-20min

%POWER DISPLAY

BUMPLESS TRANSFER (T/C FAILURE)

SWITCHABLE F/C

- c/w LED Indicator

100%BOOST

- Unfreezes frozen gates

SECOND SETPOINT

- STANDBY TEMPERATURE

LED INDICATORS

- HIGH & LOW TEMP

- OPEN, REVERSE, SHORT T/C

- HEATER ON

- STANDBY

- C/F

- % POWER

- RAMP START

- AUTO / MAN

#### ADDITIONAL DIAGNOSTICS

- GROUND FAULT

- SHORTED RELAY or HEATER

- OPEN RELAY or HEATER

#### INTERNAL FUSING

AUDIBLE ALARM

- ON/OFF

ZERO CROSS TRIAC

- LOW EMF

SECURITY LOCKOUT

## SPECIFICATIONS - MTC15

### 1. INPUT

Thermocouple	J, K Grounded or Ungrounded
Range	0-999°F / 0-540°C
Accuracy	+/-0.5%
Cold Junction Comp	0.1C/C ambient typical.

### 2. CONTROL

AUTOMATIC PID	ON or OFF
FUZZY PID	ON or OFF
Ramp Time	0-20 min
Cycle Time	0.030 seconds.

### 3. OUTPUT

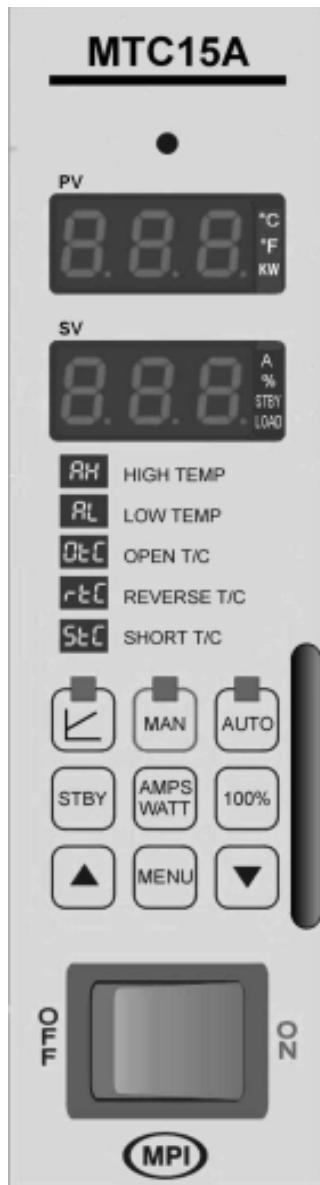
TRIAC	15A/240VAC resistive.
FUSES	Double leg fast blow fuses
Alarm	AUDIBLE - Switchable ON/OFF

### 4. POWER

Rating	85 - 265 VAC 50/60Hz	10VA max
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### 5. PHYSICAL

SIZE	2"W x 7"H x 7.5"D
TEMP RANGE	0-50°C



# MTC15A

## HOT RUNNER CONTROL MODULE

### with AMPERAGE / WATTAGE

## STANDARD FEATURES

- DUAL DIGITAL DISPLAY  
 AUTOMATIC PID or FUZZY PID SELECTABLE  
 SOFT START (Preserves heater life) - Programmable 0-20min  
 %POWER DISPLAY  
 BUMPLESS TRANSFER (T/C FAILURE)  
 SWITCHABLE F/C - c/w LED Indicator  
 100%BOOST - Unfreezes frozen gates  
 SECOND SETPOINT - STANDBY TEMPERATURE  
 LED INDICATORS - HIGH & LOW TEMP  
 - OPEN, REVERSE, SHORT T/C  
 - HEATER ON  
 - STANDBY  
 - C/F  
 - % POWER  
 - RAMP START  
 - AUTO / MAN
- ADDITIONAL DIAGNOSTICS - GROUND FAULT  
 - SHORTED RELAY or HEATER  
 - OPEN RELAY or HEATER
- INTERNAL FUSING  
 AUDIBLE ALARM - ON/OFF  
 ZERO CROSS TRIAC - LOW EMF  
 SECURITY LOCKOUT
- AMPERAGE / WATTAGE DISPLAY**

## SPECIFICATIONS - MTC15A

### 1. INPUT

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Alarm	AUDIBLE - Switchable ON/OFF

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Rating	85 - 265 VAC 50/60Hz	10VA max
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TEMP RANGE	0-50°C