



The single series offers a variety of control, input and heater options. Single series are fitted with Watlow Series EZ Zone PM controls. The heater output and control circuit are fused to protect the internal components from damage. The heater output is pre-wired making installation quick and easy. Control Consoles are also available in two and four zone models. Custom options are

Features

- Small foot print
- Pre-wired output
- AMP Mate-n-Lok 2 pin, Mini twist lock (NEMA ML-3) output connection
- Watlow Series EZ Zone PM Controllers
- On/Off Rocker Switch

Specifications

- **Controller**
 - Watlow Series EZ Zone PM
- **Dimensions**
 - 119 mm H x 76 mm W x 191 mm D
 - (4.7 in H x 3.0 in W x 7.5 in D)
- **Output Power Switching Options**
 - **Zero Cross**
 - Utilizing a solid state relay
 - Used for resistive heater loads
 - 10 amp maximum fused output, 8 amp maximum load
 - Output is powered through the line cord

•Phase Angle Fire

- Utilizing a phase angle fire solid state relay
- Used for Tungsten / Quartz
- 15 amp maximum fused output, 10 amp maximum load
- Output is powered through the line cord

Power Requirements

- 120 Volt AC, +10 %, -15% (NEMA 5-15 plug)
- 208/240 Volt AC, +10 %, -15% (NEMA 6-15 plug)
- Control is fused to 1 amp

Sensor Input

- Factory selectable thermocouple
- Miniature thermocouple jack and plug

Output Configuration

- Factory selectable
- AMP Mate-n-Lok connector
- Mini twist and lock connector (NEMA ML-3)
- 120 volt female receptacle, (NEMA 5-15R)
- Mating connector provided

Operating Environment

- 0-45°C (32 to 113°F)
- 0-90 percent RH, non-condensing

SNGL - -

Control

- A= PM Timer
- B= PM Series w/485 comms
- D= PM Series w/Ethernet IP
- F= PM Series w/485 comms
and ramp and soak
- H= PM Series w/Ethernet IP
and ramp and soak
- 1=Phase Angle Fire , PM Series
- 2=Phase Angle Fire /w Timer
- 8=PM Series
- 9=PM Series w/ramp and soak

Input

- J= Type J T/C
- K=Type K T/C
- T=Type T T/C
- R=100 Ohm 2 wire RTD
- Z=Other

Display

- RG= Red/Green

Output Connector

- 1=AMP Mate-n-Lok
- 2=Mini Twist Lock (NEMA ML-3)

Line Voltage

- 1=120 Volt AC (8 Amp total)
- 2=208/240 Volt AC (8 Amp total)

Options

- 00=None
- 01=Digital I/O
- 02=Alarm Output
- 03=Special