



The Quad series offers four zones of control in one package. The Quad series are fitted with Watlow Series EZ Zone PM controls. Each zone utilizes a solid state relay for longer heater life and a lower cost than other power switching devices. The heater output connectors can be ordered as either an Amp Mate-n-Lok or twist and lock connector. Control Consoles are also available as a single and dual zone models. Custom options are also available.

Features

- Small foot print
- Pre-wired output
- AMP Mate-n-Lok 2 pin or Mini twist (NEMA ML-3) lock output connection
- Miniature thermocouple connector
- Watlow Series EZ Zone PM Controls
- On/Off Rocker Switch
- Option High Limit Control

Special Options

- Remote Set point
- Digital I/O (DC only)
- Alarm Outputs

Specifications

- **Controller**
 - Watlow Series EZ Zone PM
- **Dimensions**
 - 114 mm H x 305 mm W x 191 mm D
(4.5 in H x 12.0 in W x 7.5 in D)

Output Power Switching

- Utilizes a solid state relay
- Output is powered through the line cord
- 16 amp max. fused output (4 amp per zone)

Power Requirements

- 120 Volt AC, +10 %, -15% (NEMA 5-20 plug)

Sensor Input

- Factory selectable input including thermocouple, RTD or process input (mv 0-5, 0-10v, or 4-20 mA)
- Miniature thermocouple, RTD jack and plug or DC connector

Output Configuration

- Factory selectable
- AMP Mate-n-Lok connector
- A Mini twist and lock connector (NEMA L-3)
- Mating connector provided

Communications Options

- RS-232/485 Modbus RTU
- EtherNet/IP

Operating Environment

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

Ordering Information

QUAD - -

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
- K= PM Control/Limit w/ EIA 485
- M= PM Control/Limit w/Ethernet IP
- P= PM Control/Limit w EIA 485 and ramp and soak
- R= PM Control/Limit w/Ethernet IP and ramp and soak
- 6= Control/Limit
- 7= Control/Limit w/ramp and soak
- 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 Light Duty (4 Amp zone, 16 Amp total)

Options

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