



**Edit File Off-Line:** Q - enclosure cool hysteresis 3.wcf for PM3C1CC-AAAAAAA

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## Parameter Menus

## Parameters: Device

## Parameter Help

- [-] EZ-ZONE PM
  - [-] Setup
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Output
      - [-] Output 1
      - [-] Output 2
    - [-] Alarm
    - [-] Global
      - [-] Global 1
    - [-] Communications
      - [-] Communications 1
  - [-] Operations
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Monitor
      - [-] Monitor 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Alarm
  - [-] Factory
    - [-] Custom Setup
    - [-] Lock
    - [-] Diagnostics
    - [-] Calibration

**Device Name** EZ-ZONE PM

**Display Units** C

**Software Revision** 7.00

**Range:** Not Applicable

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## Parameter Menus

- [-] EZ-ZONE PM
  - [-] Setup
    - [-] Analog Input
      - Analog Input 1**
    - [-] Control Loop
      - Control Loop 1
    - [-] Output
      - Output 1
      - Output 2
    - [-] Alarm
    - [-] Global
      - Global 1
    - [-] Communications
      - Communications 1
  - [-] Operations
    - [-] Analog Input
      - Analog Input 1
    - [-] Monitor
      - Monitor 1
    - [-] Control Loop
      - Control Loop 1
    - [-] Alarm
  - [-] Factory
    - [-] Custom Setup
    - [-] Lock
    - [-] Diagnostics
    - [-] Calibration

## Parameters: Setup: Analog Input 1

## Parameter Help

<b>Sensor Type</b>	Thermocouple	
<b>TC Linearization</b>	T	
<b>RTD Leads</b>	2	
<b>Units</b>	Process	
<b>Scale Low</b>	0.00	
<b>Scale High</b>	70.00	
<b>Range Low</b>	-17.8	C or Process
<b>Range High</b>	5537.2	C or Process
<b>Process Error Enable</b>	Off	
<b>Process Error Low Value</b>	0.00	
<b>Filter</b>	0.5	
<b>Input Error Latching</b>	Off	
<b>Display Precision</b>	Tenths	

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## Parameter Menus

- [-] EZ-ZONE PM
  - [-] Setup
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      - [-] Analog Input 1
    - [-] Control Loop
      - Control Loop 1**
    - [-] Output
      - [-] Output 1
      - [-] Output 2
    - [-] Alarm
    - [-] Global
      - [-] Global 1
    - [-] Communications
      - [-] Communications 1
  - [-] Operations
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Monitor
      - [-] Monitor 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Alarm
  - [-] Factory
    - [-] Custom Setup
    - [-] Lock
    - [-] Diagnostics
    - [-] Calibration

## Parameters: Setup: Control Loop 1

## Parameter Help

<b>Heat Algorithm</b>	On / Off	
<b>Cool Algorithm</b>	On / Off	
<b>Cool Output Curve</b>	Off	
<b>TRU-TUNE+ Enable</b>	Yes	
<b>TRU-TUNE+ Band</b>	0	C or Process
<b>TRU-TUNE+ Gain</b>	3	
<b>Autotune Aggressiveness</b>	Critical	
<b>Peltier Delay</b>	0.5	
<b>User Failure Action</b>	User	
<b>Input Error Failure</b>	User	
<b>Fixed Power</b>	0.0	%
<b>Open Loop Detect Enable</b>	No	
<b>Open Loop Detect Time</b>	240	
<b>Open Loop Detect Deviation</b>	5.6	C or Process
<b>Ramp Action</b>	Off	
<b>Ramp Scale</b>	Minutes	
<b>Ramp Rate</b>	0.6	C or Process
<b>Low Set Point</b>	-40.0	C or Process
<b>High Set Point</b>	100.0	C or Process
<b>Set Point Open Limit Low</b>	-100.0	%
<b>Set Point Open Limit High</b>	100.0	%

Range: Not Applicable

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## Parameter Menus

- [-] EZ-ZONE PM
  - [-] Setup
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Output
      - Output 1**
      - Output 2
    - [-] Alarm
    - [-] Global
      - [-] Global 1
    - [-] Communications
      - [-] Communications 1
  - [-] Operations
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Monitor
      - [-] Monitor 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Alarm
  - [-] Factory
    - [-] Custom Setup
    - [-] Lock
    - [-] Diagnostics
    - [-] Calibration

## Parameters: Setup: Output 1

<b>Output Function</b>	Cool	
<b>Output Function Instance</b>	1	
<b>Output Control</b>	Fixed Time Base	
<b>Output Time Base</b>	1.0	
<b>Output Low Power Scale</b>	0	%
<b>Output High Power Scale</b>	100	%

## Parameter Help

**Range:** Not Applicable

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## Parameter Menus

- [-] EZ-ZONE PM
  - [-] Setup
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Output
      - [-] Output 1
      - [-] Output 2**
    - [-] Alarm
    - [-] Global
      - [-] Global 1
    - [-] Communications
      - [-] Communications 1
  - [-] Operations
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Monitor
      - [-] Monitor 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Alarm
  - [-] Factory
    - [-] Custom Setup
    - [-] Lock
    - [-] Diagnostics
    - [-] Calibration

## Parameters: Setup: Output 2

<b>Output Function</b>	Heat	
<b>Output Function Instance</b>	1	
<b>Output Control</b>	Fixed Time Base	
<b>Output Time Base</b>	1.0	
<b>Output Low Power Scale</b>	0	%
<b>Output High Power Scale</b>	100	%

## Parameter Help

**Range:** Not Applicable

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## Parameter Menus

- [-] EZ-ZONE PM
  - [-] Setup
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Output
      - [-] Output 1
      - [-] Output 2
    - [-] Alarm
    - [-] Global
      - Global 1
    - [-] Communications
      - [-] Communications 1
  - [-] Operations
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Monitor
      - [-] Monitor 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Alarm
  - [-] Factory
    - [-] Custom Setup
    - [-] Lock
    - [-] Diagnostics
    - [-] Calibration

Parameters: Setup: Global 1

Parameter Help

**Display Units** C

**AC Line Frequency** 60 Hz

Range: Not Applicable

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- [-] EZ-ZONE PM
  - [-] Setup
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Output
      - [-] Output 1
      - [-] Output 2
    - [-] Alarm
    - [-] Global
      - [-] Global 1
    - [-] Communications
      - [-] Communications 1
  - [-] Operations
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Monitor
      - [-] Monitor 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Alarm
  - [-] Factory
    - [-] Custom Setup
    - [-] Lock
    - [-] Diagnostics
    - [-] Calibration

Parameters: Setup: Communications 1

**Standard Bus Address** 1

**Display Units** C

**Non-Volatile Save** Yes

Parameter Help

**Range:** Not Applicable

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- [-] EZ-ZONE PM
  - [-] Setup
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Output
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      - [-] Output 2
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    - [-] Global
      - [-] Global 1
    - [-] Communications
      - [-] Communications 1
  - [-] Operations
    - [-] Analog Input
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    - [-] Monitor
      - [-] Monitor 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Alarm
  - [-] Factory
    - [-] Custom Setup
    - [-] Lock
    - [-] Diagnostics
    - [-] Calibration

## Parameters: Operations: Analog Input 1

<b>Active Process Value</b>	17.2	<b>C or Process</b>
<b>Input Error</b>	None	
<b>Calibration Offset</b>	0.0	<b>C or Process</b>

## Parameter Help

**Range:** Not Applicable

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      - [-] Control Loop 1
    - [-] Output
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    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Monitor
      - [-] Monitor 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Alarm
  - [-] Factory
    - [-] Custom Setup
    - [-] Lock
    - [-] Diagnostics
    - [-] Calibration

## Parameters: Operations: Monitor 1

<b>Control Mode Active</b>	Auto	
<b>Heat Power</b>	0.0	%
<b>Cool Power</b>	100.0	%
<b>Closed-Loop Set Point</b>	10.0	C or Process
<b>Process Value Active</b>	17.2	C or Process

## Parameter Help

Range: Not Applicable

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- [-] EZ-ZONE PM
  - [-] Setup
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Control Loop
      - [-] Control Loop 1
    - [-] Output
      - [-] Output 1
      - [-] Output 2
    - [-] Alarm
    - [-] Global
      - [-] Global 1
    - [-] Communications
      - [-] Communications 1
  - [-] Operations
    - [-] Analog Input
      - [-] Analog Input 1
    - [-] Monitor
      - [-] Monitor 1
    - [-] Control Loop
      - [-] **Control Loop 1**
    - [-] Alarm
  - [-] Factory
    - [-] Custom Setup
    - [-] Lock
    - [-] Diagnostics
    - [-] Calibration

## Parameters: Operations: Control Loop 1

<b>Control Mode</b>	Auto	
<b>Autotune Set Point</b>	90	%
<b>Autotune</b>	No	
<b>Closed-Loop Set Point</b>	10.0	C or Process
<b>Idle Set Point</b>	23.9	C or Process
<b>Heat Proportional Band</b>	4.1	C or Process
<b>Heat Hysteresis</b>	3.0	C or Process
<b>Cool Proportional Band</b>	14.2	C or Process
<b>Cool Hysteresis</b>	3.0	C or Process
<b>Time Integral</b>	684	
<b>Time Derivative</b>	114	
<b>Dead Band</b>	0.0	C or Process
<b>Open Loop Set Point</b>	10.0	%

## Parameter Help

Range: Not Applicable

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