### **EZ-ZONE PM**

The EZ-ZONE PM panel mount controller offers control options that reduce system complexity and thermal loop ownership cost. It can be ordered as a PID controller, an over/under limit controller or its functions can be combined into an integrated controller. An option to integrate a high amperage power controller output with a high-performance PID controller and an over/under limit controller in one space-saving, panel mount package is also available. Many communications options are offered to support connectivity needs.

Because the EZ-ZONE PM controller is highly scalable, pay only for what is needed. This controller is available in <sup>1</sup>/<sub>32</sub>, <sup>1</sup>/<sub>16</sub>, <sup>1</sup>/<sub>8</sub> and <sup>1</sup>/<sub>4</sub> DIN panel mount packages. The EZ-ZONE PM controller is easy to use and is ideal for PID, over/under limit or integrated controller needs.

### **Features and Benefits**

### Integrated PID and limit controller

- Reduces wiring time and termination complexity compared with connecting discrete products
- Decreases required panel space
- Lowers installation costs
- Increases user and equipment safety for over/under temperature conditions

### High amperage power control output

- Drives 15 ampere resistive loads directly
- Reduces component count
- · Decreases cost of ownership

#### **Current monitoring**

- Detects heater current flow and provides alarm indication of a failed output device or heater load
- Drives output on open or shorted heater

### Serial communication capabilities

- Provides a wide range of protocol choices including Modbus<sup>®</sup> RTU, EtherNet/IP™, Modbus<sup>®</sup> TCP, PROFIBUS DP, DeviceNet™ and J1939 CAN bus
- Supports network connectivity to a PC or PLC

### **Dual-channel controller**

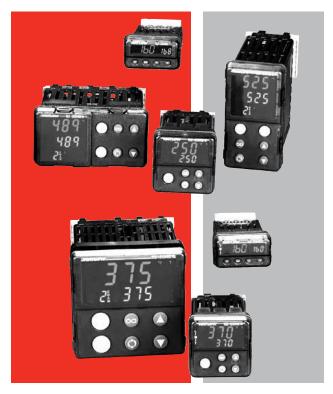
 Provides two PID controllers in one space-saving package

### **Enhanced control options**

 Easily handles complex process problems such as cascade, ratio, differential, square-root, motorized valve control without slidewire feedback, wet-bulb/ dry-bulb, compressor control and peltier loads

#### Countdown timer option

- Provides batch process control
- Supports set point change during countdown



# EZ-LINK™ mobile application for iPhone<sup>®</sup> and Android™

- Expedites controller setup with intuitive navigation
- Simplifies setting parameters with plain text names and descriptions
- Connects quickly and easily via Bluetooth<sup>®</sup> wireless communications

### **Advanced PID control algorithm**

- Offers TRU-TUNE®+ adaptive control to provide tighter control for demanding applications
- Provides auto-tune for fast, efficient startup

### Configuration communications with software

- Includes Watlow standard bus communications used by COMPOSER® or EZ-ZONE configurator software
- Saves time and improves reliability of controller setup

### 10-point linearization curve

Improves sensor accuracy

#### **Built-in sensor compensation curves**

- Saves cost of buying compensated sensors
- Includes Vaisala RH and altitude (pressure) curves

#### Remote set point operation

 Supports convenient set point manipulation from a remote device such as a master control or PLC

### Profile capability

- Offers pre-programmed process control
- Allows ramp/soak programming with 40 total steps, battery backup and real time clock

### **EZ-ZONE PM**



### **PID Model Ordering Information**

Universal Sensor Input, Standard Bus Communications, TRU-TUNE+ Adaptive Tune, Red and Green Seven-Segment Displays

### **Part Number**

12	3	4	5	6 7		8	91011	12	13 14
	Package Size		Power Supply, Digital I/O	Output 1 and 2 Hardware Options		Comm. Options	Future Options	Isolated Input Options	Custom Options
РМ					-		AAA		

3	Package Size
3 =	<sup>1</sup> / <sub>32</sub> DIN
6 =	<sup>1</sup> / <sub>16</sub> DIN
8 =	<sup>1</sup> /8 DIN vertical
9 =	<sup>1</sup> /8 DIN horizontal
4 =	1/4 DIN

4 =	1/4 DIN							
4	Primary Function							
	Options B and E are not available with 1/32 DIN (PM3) or 1/16 DIN (PM6) models							
C =	PID controller with universal input							
R=	PID controller with universal input and profiling ramp/soak							
B =	PID controller with universal input and profiling ramp/soak and							
	battery back-up with real time clock							
T =	PID controller with universal input and countdown timer							
J =	PID controller with thermistor input							
N =	PID controller with thermistor input and profiling ramp/soak							
E =	PID controller with thermistor input and profiling ramp/soak and							
	battery back-up with real time clock							
S =	Custom firmware							

5	Power Supply, Digital Inputs/Outputs (I/O)
1 =	100 to 240VAC
2 =	100 to 240VAC plus 2 digital I/O points
3 =	20 to 28VAC or 12 to 40VDC
4 =	20 to 28VAC or 12 to 40VDC, plus 2 digital I/O points

<b>6 7</b>	<b>⑥ ②</b> Output 1 and 2 Hardware Options								
	CH, EH and KH are not valid	options for							
'/32 L	1/32 DIN package type								
	Output 1	Output 2							
CA =	Switched dc/open collector	None							
CH=	Switched dc/open collector	NO-ARC 15A power control							
CC=	Switched dc/open collector	Switched dc							
CJ =	Switched dc/open collector	Mechanical relay 5A, Form A							
CK=	Switched dc/open collector	SSR Form A, 0.5A							
EA =	Mechanical relay 5A, Form C	None							
EH =	Mechanical relay 5A, Form C	NO-ARC 15A power control							
EC =	Mechanical relay 5A, Form C	Switched dc							
EJ =	Mechanical relay 5A, Form C	Mechanical relay 5A, Form A							
EK =	Mechanical relay 5A, Form C	SSR Form A, 0.5A							
FA =	Universal process	None							
FC =	Universal process	Switched dc							
FJ =	Universal process	Mechanical relay 5A, Form A							
FK =	Universal process	SSR Form A, 0.5A							
AK =	None	SSR Form A, 0.5A							
KH=	SSR Form A, 0.5A	NO-ARC 15A power control							
KK =	SSR Form A, 0.5A	SSR Form A, 0.5A							

8	Communication Options							
Stan	Standard bus always included							
A =	None							
B =	Bluetooth® (1/16 DIN models only)*							
E =	EIA-485 Modbus® RTU & Bluetooth® (1/16 DIN models only)*							
1 =	EIA-485 Modbus® RTU							
*Note	: Bluetooth <sup>®</sup> not available in all countries, contact factory							

**Isolated Input Options** 

A =	None
D =	Isolated input 1
13 14	Custom Options
Firm	ware, overlays, parameter settings
AA =	Standard EZ-ZONE PM face plate
AB =	EZ-ZONE logo and no Watlow name
AC =	No logo and no Watlow name
AG =	Conformal coating
12 =	Class 1, Div. 2 (not available with mechanical relay Output types
	E, H or J)

### **EZ-ZONE PM**



### **Limit Model Ordering Information**

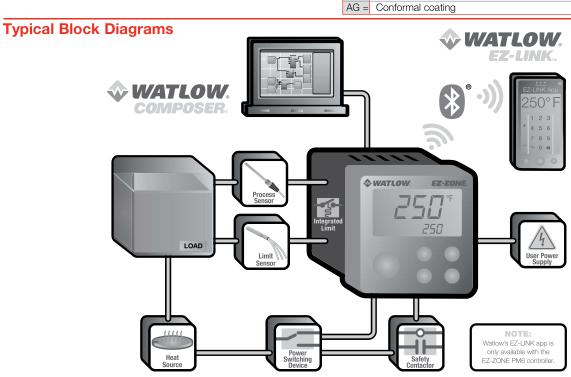
Universal Sensor Input, Standard Bus Communications, Red and Green Seven-Segment Displays

Part Nuii	ibei								
1 2	3	4	5	6 7		8	9 10 11	12	13 (14)
		Primary Function	Power Supply, Digital I/O	Output 1 and 2 Hardware Options		Comm. Options	Future Options	Isolated Input Options	Custom Options
РМ					-		AAA		

3 =	1/32 DIN
6 =	<sup>1</sup> / <sub>16</sub> DIN
8 =	<sup>1</sup> / <sub>8</sub> DIN vertical
9 =	<sup>1</sup> /8 DIN horizontal
4 =	<sup>1</sup> / <sub>4</sub> DIN
4	Primary Function
L=	Limit controller with universal input
M =	Limit controller with thermistor input
D =	Custom firmware
5	Power Supply, Digital Inputs/Outputs (I/O)
1 =	100 to 240VAC
2 =	100 to 240VAC plus 2 digital I/O points
3 =	20 to 28VAC or 12 to 40VDC
4 =	20 to 28VAC or 12 to 40VDC, plus 2 digital I/O points

Package Size

<b>6 7</b>	Output 1 and 2 h	Hardware Options						
	Output 1	Output 2						
AJ =	None Mechanical relay 5A, Form A							
CJ =								
EJ =	Mechanical relay 5A, Form C	Mechanical relay 5A, Form A						
8	Communicatio	n Options						
Stan	dard bus always included							
A =	None							
B =	Bluetooth® (1/16 DIN models only)*							
E =	EIA-485 Modbus® RTU & Bluetooth® (1/16 DIN models only)*							
1 =	EIA-485 Modbus® RTU							
*Note	: Bluetooth $^{ ext{@}}$ not available in all cou	ıntries, contact factory						
12	Isolated Input	Options						
A =	None							
D=	Isolated input 1							
13 14	Custom Op	otions						
Firm	ware, overlays, parameter sett	ings						
AA =	Standard EZ-ZONE PM face pla	te						
AB =	EZ-ZONE logo and no Watlow n	ame						
AC =	No logo and no Watlow name							



### **EZ-ZONE PM**



### **Integrated PID Controller Model Ordering Information**

Universal Sensor Input, Standard Bus Communications, TRU-TUNE+ Adaptive Tune, Red and Green Seven-Segment Displays

D4	NI.		I
Part	NU	ım	ber

1 2	3	4	5	6 7		8	9	10 11	12	13 (14)
	Package Size	Primary Function		Output 1 and 2 Hardware Options		Comm. Options or Add'l Digital I/O		Output 3 and 4 Hardware Options		Custom Options
PM					-					

3	Package Size
6 =	<sup>1</sup> /16 DIN
8 =	<sup>1</sup> /8 DIN vertical
9 =	<sup>1</sup> /8 DIN horizontal
4 =	<sup>1</sup> /4 DIN

4	Primary Function
Optio	ns B and E are not available with 1/16 DIN (PM6) models
C =	PID controller with universal input
R =	PID controller with universal input and profiling ramp/soak
B =	PID controller with universal input and profiling ramp/soak and battery back-up with real time clock
T =	PID controller with universal input and countdown timer
J =	PID controller with thermistor input
N =	PID controller with thermistor input and profiling ramp/soak
E =	PID controller with thermistor input and profiling ramp/soak and battery back-up with real time clock
S =	Custom firmware

5	Power Supply, Digital Inputs/Outputs (I/O)
1 =	100 to 240VAC
2 =	100 to 240VAC plus 2 digital I/O points
3 =	20 to 28VAC or 12 to 40VDC
4 =	20 to 28VAC or 12 to 40VDC, plus 2 digital I/O points

67	Output 1 and 2 I	Hardware Options
	Output 1	Output 2
CA =	Switched dc/open collector	None
CH =	Switched dc/open collector	NO-ARC 15A power control
CC =	Switched dc/open collector	Switched dc
CJ =	Switched dc/open collector	Mechanical relay 5A, Form A
CK =	Switched dc/open collector	SSR Form A, 0.5A
EA =	Mechanical relay 5A, Form C	None
EH =	Mechanical relay 5A, Form C	NO-ARC 15A power control
EC =	Mechanical relay 5A, Form C	Switched dc
EJ =	Mechanical relay 5A, Form C	Mechanical relay 5A, Form A
EK =	Mechanical relay 5A, Form C	SSR Form A, 0.5A
FA =	Universal process	None
FC =	Universal process	Switched dc
FJ =	Universal process	Mechanical relay 5A, Form A
FK =	Universal process	SSR Form A, 0.5A
AK =	None	SSR Form A, 0.5A
KH =	SSR Form A, 0.5A	NO-ARC 15A power control
KK =	SSR Form A, 0.5A	SSR Form A, 0.5A

8	Inputs/Outputs (I/O)
Stan	dard bus always included
A =	None
B =	Bluetooth® (1/16 DIN models only)*
E =	EIA-485 Modbus® RTU and Bluetooth® (1/16 DIN models only)*
F=	Modbus® RTU 232/485 and Bluetooth® (1/16 DIN models only)*
G =	EtherNet/IP™/Modbus® TCP and Bluetooth® (1/16 DIN models only)*
H =	DeviceNet™ and Bluetooth® (¹/₁6 DIN models only)*
J =	PROFIBUS DP and Bluetooth® (1/16 DIN models only)*
K =	SAE J1939 CAN bus and Bluetooth® (1/16 DIN models only)*
1 =	EIA-485 Modbus® RTU
2 =	EIA-232/485 Modbus® RTU
3 =	EtherNet/IP™/Modbus® TCP
5 =	DeviceNet™
6 =	PROFIBUS DP
7 =	SAE J1939 CAN bus
C =	6 digital I/O (not available on <sup>1</sup> /16 DIN models)
D =	6 digital I/O and EIA-485 Modbus® RTU (not available on
	<sup>1</sup> /16 DIN models)

9	Auxiliary Control Functions		
A =	None		
C =	2nd PID channel with universal input - not available on <sup>1</sup> /16 DIN models		
J =	2nd PID channel with thermistor input - not available on <sup>1</sup> / <sub>16</sub> DIN models		
R=	Auxillary 2nd input (universal input)		
P =	Auxillary 2nd input (thermistor input)		
T =	Current transformer input (not valid Output 3 and 4 selections = FA, FC, FJ and FK)		
L=	Integrated limit controller with universal input (only valid Output 3 and 4 selections = CJ, EJ and AJ		
M =	Integrated limit controller with thermistor input (only valid Output 3 and 4 selections = CJ, EJ and AJ		
<sup>1</sup> /16 DIN Models: If communication options F, G, H J, K or 2 thru 7 is ordered in previous digit, then Option A must be ordered here.			
All Models: Auxiliary input supports remote set point, backup sensor ratio, differential and wet-bulb/dry-bulb input.			

(continued on next page)

### **EZ-ZONE PM**



### **Integrated PID Controller Model Ordering Information (Con't)**

Universal Sensor Input, Standard Bus Communications, TRU-TUNE+ Adaptive Tune, Red and Green Seven-Segment Displays

Part Number

1 2	3	4	5	6 7		8	9	10 11	12	13 14
	Package Size	Primary Function		Output 1 and 2 Hardware Options		Comm. Options or Add'l Digital I/O		Output 3 and 4 Hardware Options		Custom Options
PM					-					

10 (1)	Output 3 and 4 h	Hardware Options			
	Output 3	Output 4			
AA =	None	None			
AJ =	None	Mechanical relay 5A, Form A			
AK =	None	SSR Form A, 0.5A			
CA =	Switched dc/open collector	None			
CC =	Switched dc/open collector	Switched dc			
CH =	Switched dc/open collector	NO-ARC 15A power control			
CJ =	Switched dc/open collector	Mechanical relay 5A, Form A			
CK =	Switched dc/open collector	SSR Form A, 0.5A			
EA =	Mechanical relay 5A, Form C	None			
EC =	Mechanical relay 5A, Form C	Switched dc			
EH =	Mechanical relay 5A, Form C	NO-ARC 15A power control			
EJ =	Mechanical relay 5A, Form C	Mechanical relay 5A, Form A			
EK =	Mechanical relay 5A, Form C	SSR Form A, 0.5A			
FA =	Universal process	None			
FC =	Universal process	Switched dc			
FJ =	Universal process	Mechanical relay 5A, Form A			
FK =	Universal process	SSR Form A, 0.5A			
KH =	SSR Form A, 0.5A	NO-ARC 15A power control			
KK =	SSR Form A, 0.5A	SSR Form A, 0.5A			
1/16 DIN Models: If communication options F, G, H, J, K or 2 thru 7 is ordered in previous digit, then Option AA must be ordered here.					
<sup>1</sup> /16 D	IN Models: Output options CH, EH ar	nd KH are not valid.			

	Additional Options
A =	Standard
C =	Enhanced firmware which includes compressor control, cascade, ratio,
	differential, square-root and motorized valve control without feedback.
D =	Standard with isolated input 1, input 2 is always isolated
F=	Enhanced firmware with isolated input 1, input 2 is always isolated
Note:	Auxiliary control function C or J required for cascade control
00	
13 (14)	Custom Options
AA =	Standard EZ-ZONE PM face plate
AB =	EZ-ZONE logo and no Watlow name
AC =	No logo and no Watlow name
AG =	Conformal coating
12 =	Class 1, Div. 2 (not available with integrated limit Option "L" or "M", or with Output types E, H, or J)

### **EZ-ZONE PM**



### **Enhanced Limit Model Ordering Information**

Universal Sensor Input, Configuration Communications, Red and Green Seven-Segment Displays Part Number

1 2	3	4 Primary Function	6 7 Output 1 and 2 Hardware Options		8 Comm. Options or Add'l Digital I/O		(ii)    (ii)  Output 3 and  4 Hardware  Options	12 Isolated Input Options	① ① ① ① ① ② ② ② ② ② ② ② ② ③ ② ③ ② ③ ② ③
PM				-		Α			

3	Package Size
6 =	<sup>1</sup> / <sub>16</sub> DIN
8 =	<sup>1</sup> /8 DIN vertical
9 =	<sup>1</sup> /8 DIN horizontal
4 =	<sup>1</sup> / <sub>4</sub> DIN
4	Primary Function
L=	Limit controller with universal input
M =	Limit controller with thermistor input
D =	Custom firmware
5	Power Supply, Digital Inputs/Outputs (I/O)

(5)	Power Supply, Digital Inputs/Outputs (I/O)
1 =	100 to 240VAC
2 =	100 to 240VAC plus 2 digital I/O points
3 =	20 to 28VAC or 12 to 40VDC
4 =	20 to 28VAC or 12 to 40VDC, plus 2 digital I/O points

67	Output 1 and 2 Hardware Options			
	Output 1	Output 2		
AJ =	None	Mechanical relay 5A, Form A		
CJ =	Switched dc/open collector	Mechanical relay 5A, Form A		
EJ =	Mechanical relay 5A, Form C	Mechanical relay 5A, Form A		

	Communication Options or Additional Digital Inputs/Outputs (I/O)		
Stan	dard bus always included		
A =	None		
B =	Bluetooth® (1/16 DIN models only)*		
E =	EIA-485 Modbus® RTU and Bluetooth® (1/16 DIN models only)*		
F=	Modbus® RTU 232/485 and Bluetooth® (1/16 DIN models only)*		
G =	EtherNet/IP™/Modbus® TCP and Bluetooth® (1/16 DIN models only)*		
H =	DeviceNet™ and Bluetooth® (1/16 DIN models only)*		
J =	PROFIBUS DP and Bluetooth® (1/16 DIN models only)*		
1 =	EIA-485 Modbus® RTU		
2 =	EIA-232/485 Modbus® RTU		
3 =	EtherNet/IP™/Modbus® TCP		
5 =	DeviceNet™		
6 =	PROFIBUS DP		
*Note	*Note: Bluetooth® not available in all countries, contact factory		

10 (1)	Output 3 and 4 Hardware Options		
	Output 3	Output 4	
AA =	None	None	
AJ =	None	Mechanical relay 5A, Form A	
AK =	None	SSR Form A, 0.5A	
CA =	Switched dc/open collector	None	
CC=	Switched dc/open collector	Switched dc	
CJ =	Switched dc/open collector	Mechanical relay 5A, Form A	
CK=	Switched dc/open collector	SSR Form A, 0.5A	
EA =	Mechanical relay 5A, Form C	None	
EC =	Mechanical relay 5A, Form C	Switched dc	
EJ =	Mechanical relay 5A, Form C	Mechanical relay 5A, Form A	
EK =	Mechanical relay 5A, Form C	SSR Form A, 0.5A	
FA =	Universal process	None	
FC =	Universal process	Switched dc	
FJ =	Universal process	Mechanical relay 5A, Form A	
FK =	Universal process	SSR Form A, 0.5A	
KK =	SSR Form A, 0.5A	SSR Form A, 0.5A	
1/16 DIN Models: If communication options F, G, H, J or 2 thru 6 is ordered in previous digit, then Option AA must be ordered here.			

12	Isolated Input Options
A =	None
D=	Isolated input 1
13 14	Custom Options
Firm	ware, overlays, parameter settings
AA =	Standard EZ-ZONE PM face plate
AB =	EZ-ZONE logo and no Watlow name
AC =	No logo and no Watlow name
AG =	

## **EZ-ZONE PM Express**

The EZ-ZONE PM Express panel mount controller is an industry-leading PID controller that allows optimal performance utilizing simple control and menu functionality without complex features. It is ideal for basic applications and usage levels.

The EZ-ZONE PM Express is the next generation controller to follow the legacy of Watlow's SERIES 93, SERIES 935 AND SERIES SD controllers that offer easy-to-use features to perform many basic applications. The EZ-ZONE PM Express includes one universal input and an option for up to two outputs and is available in 1/32, 1/16, 1/8 and 1/4 DIN panel mount packages. It can be ordered as a PID process controller or as a dedicated over and under-temperature limit controller.

The EZ-ZONE PM Express is a valuable addition to the EZ-ZONE PM controller family which also includes the EZ-ZONE PM integrated controller and the EZ-ZONE PM standard version.

#### **Features and Benefits**

#### Simplified menu

- Fits basic applications with a user-friendly interface supported by two menus and a streamlined list of parameters
- Eliminates complexity often experienced with more advanced controllers and unnecessary features
- Reduces training costs and user programming errors

### PID auto-tune

Provides auto-tune for fast, efficient startup

### Standard bus communications

- Allows easy product configuration via PC communications protocol and free software
- Saves time, simplifies programming process and improves reliability of controller setup

# Factory Mutual (FM) approved over and under limit with auxiliary outputs

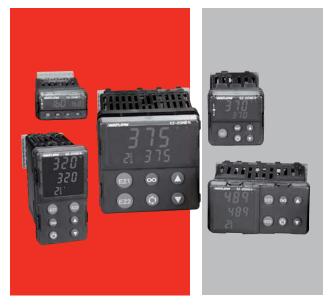
Increases user and equipment safety for over and under-temperature conditions

# Agency approvals: UL® listed, CSA, CE, RoHS, W.E.E.E., FM, SEMI F47-0200, Class 1, Div. 2 rating on selected models

- Assures prompt product acceptance
- Reduces end product documentation costs

### Front panel removable

Saves time and labor for replacements and troubleshooting



# EZ-LINK™ mobile application for iPhone® and Android™

- Expedites controller setup with intuitive navigation
- Simplifies setting parameters with plain text names and descriptions
- Connects quickly and easily via Bluetooth<sup>®</sup> wireless communications

#### P3T armor sealing system

- Complies with NEMA 4X, IP65 specifications
- Allows controller to be cleaned and washed
- Certified UL<sup>®</sup> 50 independent to NEMA 4X specification

### Touch-safe package

- Increases installer and operator safety
- Complies with IP2X requirements

### Three-year warranty

• Demonstrates Watlow's reliability and product support

#### High-amperage power control output

- Drives 15 ampere resistive loads direct
- Reduces component count
- Saves panel space and simplifies wiring
- Reduces cost of ownership

**WATLOW** \_\_\_\_\_\_ 239

# **EZ-ZONE PM Express**



### **Ordering Information**

Universal Sensor Input, Standard Bus Communications, Dual Line Red over Green Seven-Segment Displays

Dart	NI.	ıml	har

12	3	4	5	6 7	8	9 10 11	12	13 (14)
	Package Size	Primary Function	Power Supply	Output 1 and 2 Hardware Options	Comm. Options	Future Options	Menu Type	Add'l Options
PM					-	AAA	В	

3	Package Size
3 =	<sup>1</sup> / <sub>32</sub> DIN
6 =	<sup>1</sup> / <sub>16</sub> DIN
8 =	<sup>1</sup> / <sub>8</sub> DIN vertical
9 =	<sup>1</sup> / <sub>8</sub> DIN horizontal
4 =	<sup>1</sup> / <sub>4</sub> DIN

4	Primary Function
C =	PID controller with universal input
L=	Limit controller with universal input (only valid Output 1 and 2 selections = AJ, CJ or EJ)
S =	Custom PID firmware
D =	Custom limit firmware

<b>5</b>	Power Supply
1 =	100 to 240VAC
3 =	20 to 28VAC or 12 to 40VDC

6 7	Output 1 and 2 Hardware Options		
	Output 1	Output 2	
AJ =	None	Mechanical relay 5A, Form A	
CA =	Switched dc/open collector	None	
CH*=	Switched dc/open collector	NO-ARC 15A power control	
CC=	Switched dc/open collector	Switched dc	
CJ =	Switched dc/open collector	Mechanical relay 5A, Form A	
CK=	Switched dc/open collector	SSR Form A, 0.5A	
EA =	Mechanical relay 5A, Form C	None	
EH*=	Mechanical relay 5A, Form C	NO-ARC 15A power control	
EC =	Mechanical relay 5A, Form C	Switched dc	
EJ =	Mechanical relay 5A, Form C	Mechanical relay 5A, Form A	
EK =	Mechanical relay 5A, Form C	SSR Form A, 0.5A	
FA =	Universal process	None	
FC =	Universal process	Switched dc	
FJ =	Universal process	Mechanical relay 5A, Form A	
FK =	Universal process	SSR Form A, 0.5A	
AK =	None	SSR Form A, 0.5A	
KH =	SSR Form A, 0.5A	NO-ARC 15A power control	
KK =	SSR Form A, 0.5A	SSR Form A, 0.5A	
*Not available with the <sup>1</sup> / <sub>32</sub> DIN (PM3) package size			

8	Communications Options
Stan	dard bus always included
A =	None
B =	Bluetooth® (1/16 DIN models only)*
*Not	e: Bluetooth® not available in all countries, consult factory.
12	Menu Type
B =	PM Express with English manual

12	Menu Type
B =	PM Express with English manual
13 14	Additional Options
AA =	Standard EZ-ZONE PM face plate
AB =	EZ-ZONE logo, no Watlow name
AC =	No logo, no Watlow name
AG =	Conformal coating
12 =	Class 1, Div. 2 (not available with mechanical relay Output types
	E, H or J)