



Combustion Control Equipment | Flow and Pressure Safety Switches | **Temperature Supervisory Switches**

# RM Series Temperature Limit Controller

## Product Description

### RM Series Temperature Limit Controller

RMC	X	X	X	X	X	X	X	X	X	X	XX
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII

I	RMC = Multi-Loop Control Module
II	<b><u>Zone 1 Primary Function</u></b>
	1 = Control with Universal Input
	2 = Control with Thermistor Input
	3 = Ramp/Soak with Universal Input
	4 = Ramp/Soak with Thermistor Input
	5 = Limit with Universal Input (Output 1, 2 must be B, F or L)
	6 = Limit with Thermistor Input (Output 1, 2 must be B, F or L)
	7 = Current transformer input (Not valid with outputs N, P, R or S)
	9 = Custom



III	<u>Zone 1 Output 1 Options</u>	<u>Output 2 Options</u>
	A = None	None
	B = None	Mechanical relay 5A form A
	U = Switched DC/Open Collector	None
	D = Switched DC/Open Collector	NO-ARC 15A Relay
	E = Switched DC/Open Collector	Switched DC
	F = Switched DC/Open Collector	Mechanical relay 5A form A
	G = Switched DC/Open Collector	Solid State Relay 0.5A
	H = Mechanical Relay 5A form C	None
	J = Mechanical Relay 5A form C	NO-ARC 15A Relay
	K = Mechanical Relay 5A form C	Switched DC
	L = Mechanical Relay 5A form C	Mechanical relay 5A form A
	M = Mechanical Relay 5A form C	Solid State Relay 0.5A
	N = Universal Process	None
	P = Universal Process	Switched DC
	R = Universal Process	Mechanical relay 5A form A
	S = Universal Process	Solid State Relay 0.5A
	T = None	Solid State Relay 0.5A
	Y = Solid State Relay 0.5A	NO-ARC 15A Relay
	Z = Solid State Relay 0.5A	Solid State Relay 0.5A
IV	<u>Zone 2 Primary Function</u>	
	A = None	
	1 = Control with Universal Input	
	2 = Control with Thermistor Input	
	5 = Limit with Universal Input (Output 3, 4 must be B, F or L)	
	6 = Limit with Thermistor Input (Output 3, 4 must be B, F or L)	
	7 = Current transformer input (Not valid with outputs N, P, R or S)	
	9 = Custom	



V	<u>Zone 2 Output 3 Options</u>	<u>Output 4 Options</u>
	A = None	None
	B = None	Mechanical relay 5A form A
	U = Switched DC/Open Collector	None
	D = Switched DC/Open Collector	NO-ARC 15A Relay
	E = Switched DC/Open Collector	Switched DC
	F = Switched DC/Open Collector	Mechanical relay 5A form A
	G = Switched DC/Open Collector	Solid State Relay 0.5A
	H = Mechanical Relay 5A form C	None
	J = Mechanical Relay 5A form C	NO-ARC 15A Relay
	K = Mechanical Relay 5A form C	Switched DC
	L = Mechanical Relay 5A form C	Mechanical relay 5A form A
	M = Mechanical Relay 5A form C	Solid State Relay 0.5A
	N = Universal Process	None
	P = Universal Process	Switched DC
	R = Universal Process	Mechanical relay 5A form A
	S = Universal Process	Solid State Relay 0.5A
	T = None	Solid State Relay 0.5A
	Y = Solid State Relay 0.5A	NO-ARC 15A Relay
	Z = Solid State Relay 0.5A	Solid State Relay 0.5A
VI	<u>Zone 3 Primary Function</u>	
	A = None	
	1 = Control with Universal Input	
	2 = Control with Thermistor Input	
	5 = Limit with Universal Input (Output 3, 4 must be B, F or L)	
	6 = Limit with Thermistor Input (Output 3, 4 must be B, F or L)	
	7 = Current transformer input (Not valid with outputs N, P, R or S)	
	9 = Custom	



VII	<u>Zone 3 Output 5 Options</u>	<u>Output 6 Options</u>
	A = None	None
	B = None	Mechanical relay 5A form A
	U = Switched DC/Open Collector	None
	D = Switched DC/Open Collector	NO-ARC 15A Relay
	E = Switched DC/Open Collector	Switched DC
	F = Switched DC/Open Collector	Mechanical relay 5A form A
	G = Switched DC/Open Collector	Solid State Relay 0.5A
	H = Mechanical Relay 5A form C	None
	J = Mechanical Relay 5A form C	NO-ARC 15A Relay
	K = Mechanical Relay 5A form C	Switched DC
	L = Mechanical Relay 5A form C	Mechanical relay 5A form A
	M = Mechanical Relay 5A form C	Solid State Relay 0.5A
	N = Universal Process	None
	P = Universal Process	Switched DC
	R = Universal Process	Mechanical relay 5A form A
	S = Universal Process	Solid State Relay 0.5A
	T = None	Solid State Relay 0.5A
	Y = Solid State Relay 0.5A	NO-ARC 15A Relay
	Z = Solid State Relay 0.5A	Solid State Relay 0.5A
VIII	<u>Zone 4 Primary Function</u>	
	A = None	
	1 = Control with Universal Input	
	2 = Control with Thermistor Input	
	5 = Limit with Universal Input (Output 3, 4 must be B, F or L)	
	6 = Limit with Thermistor Input (Output 3, 4 must be B, F or L)	
	7 = Current transformer input (Not valid with outputs N, P, R or S)	
	9 = Custom	



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<b>IX</b>	<b><u>Zone 4 Output 7 Options</u></b>	<b><u>Output 8 Options</u></b>
	A = None	None
	B = None	Mechanical relay 5A form A
	U = Switched DC/Open Collector	None
	D = Switched DC/Open Collector	NO-ARC 15A Relay
	E = Switched DC/Open Collector	Switched DC
	F = Switched DC/Open Collector	Mechanical relay 5A form A
	G = Switched DC/Open Collector	Solid State Relay 0.5A
	H = Mechanical Relay 5A form C	None
	J = Mechanical Relay 5A form C	NO-ARC 15A Relay
	K = Mechanical Relay 5A form C	Switched DC
	L = Mechanical Relay 5A form C	Mechanical relay 5A form A
	M = Mechanical Relay 5A form C	Solid State Relay 0.5A
	N = Universal Process	None
	P = Universal Process	Switched DC
	R = Universal Process	Mechanical relay 5A form A
	S = Universal Process	Solid State Relay 0.5A
	T = None	Solid State Relay 0.5A
	Y = Solid State Relay 0.5A	NO-ARC 15A Relay
	Z = Solid State Relay 0.5A	Solid State Relay 0.5A
C = 6 digital inputs/outputs (valid only if item VIII = A)		
<b>X</b>	<b><u>Connector Style</u></b>	
	A = Right Angle Screw Connectors	
	F = Front access Screw Connectors	
<b>XI</b>	<b><u>Enhanced Options</u></b>	
	A = Standard bus communications	
	1 = Standard bus and Modbus 485 RTU communications	



<b>XII</b>	<b><u>Custom Options</u></b>
	AA = Standard Product
	AB = Replacement connector hardware for the entered model number.
	XX = Any other letters or numbers = custom overlays, firmware, defaults.

## Details

<b>Category</b>	Temperature Supervisory Switches
<b>Class of Work</b>	3545 - Sw, Temp & Supv
<b>Certification Type</b>	FM Approved
<b>Listing Country</b>	United States of America

## Company

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