Controller

Series	Model	208	508	509	518	518P	519	719	708	708P	808	808P	7048 4 CHANNEL
	Software Version	V7.6	V7.5	V7.5	V8.0	V8.0	V7.5	V7.5	V7.0	V7.0	V7.0	V7.0	7048
Accuracy	Measurement Accuracy (%FS)	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.2	0.2	0.1	0.1	0.2
	Selectable resolution 0.1/1℃			●	●	●	●	●	●	●	●	●	●
	Sampling Rate	500mS	500mS	500mS	500mS	500mS	500mS	250mS	250mS	250mS	250mS	250mS	250mS
Input	Thermocouples / RTDs Input	●	●	●	●	●	●	●	●	●	●	●	●
	Linear current/ voltage/ resistors Input				●	●	●	●	●	●	●	●	●
	User defined graduation								●	●	●	●	
Output	Time proportioning	●	●	●	●	●	●	●	●	●	●	●	●
	SCR phase shift				●	●	●	●	●	●	●	●	
	Linear current				●	●	●	●	●	●	●	●	
	Valve positioning										●	●	
	Output range limit				●	●	●	●	●	●	●	●	
	Soft start						●	●					
Control Algorithm	ON-OFF	●	●	●	●	●	●	●	●	●	●	●	●
	AI PID	●	●	●	●	●	●	●	●	●	●	●	●
	Heating/Refrigerating Duel Output				●	●	●	●	●	●	●	●	
	Heating/Refrigerating Duel Output (2 PID)				●	●							
	Direct acting/ Reverse acting		●	●	●	●	●	●	●	●	●	●	
	Auto tuning / Self learning	●	●	●	●	●	●	●	●	●	●	●	●
	Auto/manual bumpless switch						●	●			●	●	
Setpoint	Setpoint range limit	●	●	●	●	●	●	●	●	●	●	●	
	Dual setpoints switch				●	●	●	●	●		●		
	External set setpoint							●			●		
Alarm	High limit	●	●	●	●	●	●	●	●	●	●	●	●
	Low limit	●	●	●	●	●	●	●	●	●	●	●	●
	Deviation high	●	●	●	●	●	●	●	●	●	●	●	
	Deviation low		●	●	●	●	●	●	●	●	●	●	
	Alarm blocking at the beginning of power on		●	●	●	●	●	●	●	●	●	●	
Program control	Program segments					30				50		50	
	Event output					●				●		●	
	Ramping Setpoint					●							
	Soak					●							
Retransmission	PV retransmission output				●	●	●	●	●	●	●	●	
	SV retransmission output				●	●	●	●		●		●	
Others	Communication				RS485	RS485	RS485	RS485	RS485	RS485	RS485	RS485	RS485
	50/60Hz, ℃/℉ selectable		●	●	●	●	●	●					
	User defined password				●	●	●	●					
	User defined field parameters				●	●	●	●	●	●	●	●	
Dimension	A (96 X 96)mm	●	●	●	●	●	●	●	●	●	●	●	●
	B (160 X 80)mm	●	●	●	●	●	●	●	●	●	●	●	
	C (80 X 160)mm		●	●	●	●	●	●	●	●	●	●	
	D (72 X 72)mm	●	●	●	●	●	●	●	●	●	●	●	
	E (48 X 96)mm	●	●	●	●	●	●	●	●	●	●	●	●
	F (96 X 48)mm	●	●	●	●	●	●	●	●	●	●	●	●
	A2 (96 X 96)mm with Light Bar				●	●	●	●	●	●	●	●	
	C3 (80 X 160)mm with Light Bar												
	D2 (48 x 48)	●	●	●	●	●	●						
	E5 (48 X 96, rail mounted)				●	●	●	●	●	●	●	●	●
	D5 (22.5 X 100, rail mounted)												●