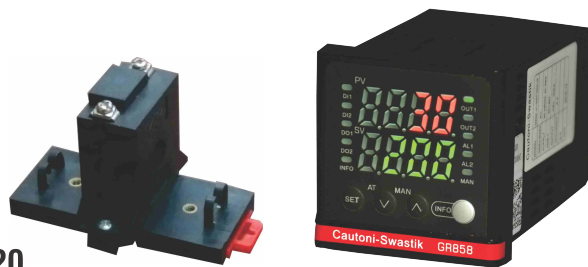


PROFILE CONTROLLER PID WITH CURRENT MEASURE

GR 818 GR 858-P



GR 818 AT 1220

Case Size	48 x 48 x 76	96 x 96 x 72	48 x 48 x 76
Panel Hole Size	46 x 46	91 x 91	46 x 46
Sensor	T/C : K,E,J,S,B,N,R,T, RTD : PT-100 /3 WIRE or Analog (4-20 mA / 0-10 VDC)		
Range Limit	Check Table -1 for Range and Set Point High / Low Limit		
Accuracy	± 0.5 % OF FS		
Sampling Time	300 MS		
Resolution	0.1 °C / 1 °C User Selectable		
Unit	°C / °F User Selectable		
Control Action	PID / TWO -WAY PID / ON-OFF		
Number of Relay	2 / 3 Relay Output / Analog		3 Relay Output
Alarm	High / Low Alarm with (Absolute / Keeping)		High/Low Current Alarm
Auto / Manual Operation	Output Power is increased / Decreased by Up / Down key in Manual Mode		
Current Range			Range up to 100 Amp AC - 1 / 2 Channel CT Input
Current Display			Selection Of Current / SV Indication - for Lower Display
Profile	64 Step		
Ramp	9999 Min User Selectable		
Soak	9999 Min User Selectable		
Function	Run / Hold / Restart Function, Running Stage Indication		
Display / color	4 Digit Dual Display Upper : 4 digit Red Lower : 4 Digit Green Seven Segment Display		
Keyboard	4 keys		
Indication	Indication for Relay Status / Alarm Status / Alarm Information		
Port	Optional RS - 485 / Modbus Protocol		
Mounting	Flush Panel Mounting With Side Clamp		
Power Supply	95 - 270 VAC, 50- 60 Hz , ≥ 5 VA		
Working Environment	Temp : 0 - 50°C / Rh : 35 - 85 % (Non - Condensation)		

Table -1
Temperature Input

	Sensor Type	Temperature Range	Sensor Type	Temperature Range
Thermocouple	K	-200 °C ~ 1200 °C	N	-200 °C ~ 1300°C
	E	-200 °C ~ 650 °C	R	-50 °C ~ 1700 °C
	J	-200 °C ~ 850°C	T	-200 °C ~ 400°C
	S	-50 °C ~ 1700°C	W3-25	0 °C ~ 2300°C
	B	0 °C ~ 1800°C	W3-26	0°C ~ 2300 °C
RTD	PT - 100	-200 °C ~ 850 °C	CU-50	-50°C ~ 150 °C

