

CP1F SERIES Single phase power controller **SRC**

(Resistive Loads Only)

- Extends Heater Life-Eliminates Thermal Shock.
- Optically Isolated.
- Capacity Up To 150 Amps.
- Diagnostic Indicators.
- Self-Synchronizing To Line Frequency.
- Isolated Heat Sinks.
- Compact Design.
- Full Protection Against Line Voltage Spikes.



Drying, Wire and Cable, Foods Machinery, Power Metallurgy, Plastic Extrusion Machinery, UV, IR Drying Machinery, High Temperature Ceramic Furnace, Metallic Heating Treatment Drying Machinery, Plastic Leather Pasting, Chemical-heating Equipment And Power Type Voltage Output Adjustment Equipment

SPECIFICATIONS

Load Current Rating	20A~150A
Load Voltage	100~250VAC/200~480VAC
Aux. Power	100~250VAC
Input Type	0-20mA/4-20mA/0-5VDC/1-5VDC/0-10VDC
Min Load Current	0.6A
Off State Leakage Current	15mA (Max)
Power Consumption	5W (Max)
Input Frequency	50~60HZ
Input Resistance	DCA (250 Ω) ,DCV (10K Ω)
Isolation Voltage	AC2500V (1 Min)
Alarm Relay Contact	2.0A
Operating Temperature	-10~82°C
Operating Humidity	95% RH
Storage Temperature	-10~60°C
Storage Humidity	95% RH
Soft Start	8.4sec
FAN ON/OFF Temperature	>50°C ON / <45°C OFF
HI Temperature Alarm	<82°C OFF / >73°C ON

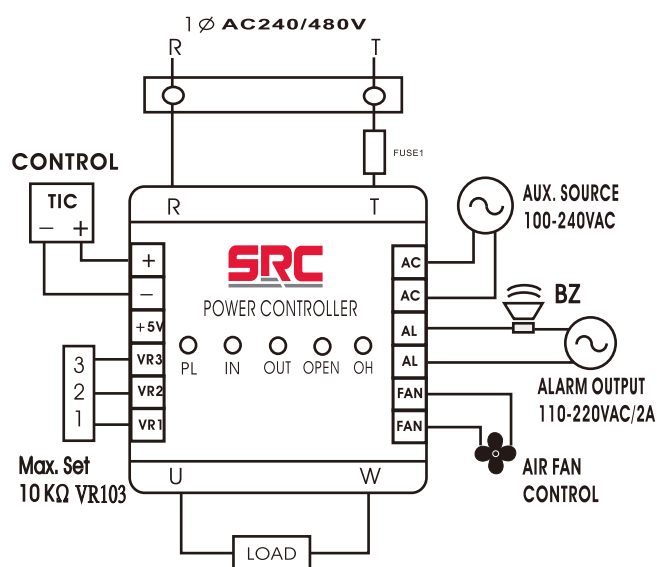
Trigger Control

Output Control	Output Wave		
	10% Output	50% Output	90% Output
Phase Trigger Control			

Order Model /Outside dimensions/ Weight

Connection diagram

MODEL:SP -		
Type	CP1F	
Input Voltage	24	100~250VAC
	48	200~480VAC
Load Current	20	20A
	30	30A
	50	50A
	75	75A
	100	100A
	120	120A
	150	150A
Fuse Connection Model	A	Combination
	S	Separation
Input Type	-	
	A	0-20mA
	B	4-20mA
	C	0-5VDC
	D	1-5VDC
	E	0-10VDC
	F	2-10VDC
	S	SPECIFIED
Model	S TYPE (L X W X H)mm/(Weight)kg	A TYPE (L X W X H)mm/(Weight)kg
Load		
20A	143X128X116mm/0.9kg	
30A	143X128X116mm/1.0kg	206X128X116mm/1.2kg
50A	143X128X170mm/1.4kg	206X128X116mm/1.6kg
75A	143X128X170mm/1.6kg	206X128X170mm/2.2kg
100A	173X128X170mm/1.85kg	206X128X170mm/2.2kg
120A	173X128X170mm/1.85kg	206X128X170mm/2.2kg
150A	173X128X170mm/1.9kg	236X128X170mm/2.5kg



The max output limit of outer by VR adjustment:

- A: Setting 100%
- B: Setting 80%
- C: Setting 60%
- D: Setting 40%

