

4117 Solid State Power Controller

- Zero-Crossover Fired
- Three Phase, 2-Leg
- 4-20 mA, Current Contact Closure, Potentiometer or 8-48 Vdc Input
- Power Limit Adjustment Feature



Features

The 4117 Power Controller is a complete power control assembly engineered for fast, easy installation and years of reliable operation. It consists of two Chromalox 4115 SCR Power control modules mounted on an integral heatsink for heat dissipation. Some models are supplied with an integral fan for additional heat dissipation. Terminations are

provided for both line and load wiring, and for the control input signal. The 4117 is available in four input configurations: Voltage, Current, Potentiometer or Contact Closure.

These products are applied with delta-connected or ungrounded Wye-connected heater loads.

Ordering Information

Complete the Model Number using the Matrix provided.

Model	SCR Power Controller						
4117	Three Phase, Two-Leg, Zero-Crossover Fired, Open Style						
		Max. Rated Current @ 50°C (Amps)					
	Code	Voltage	@ 25°C (77°F)	@ 50°C (130°F)	Power at 50°C (kW)	H x W x D (In.)	Fan
	20	208/240	75	65	24/27	7-7/8"D x 8"W x 8-9/16"H	Yes
	40	480	75	65	54	7-7/8"D x 8"W x 8-9/16"H	Yes
	21	208/240	55	40	14/17	7-7/8"D x 8"W x 7-7/8"H	No
	41	480	55	40	33	7-7/8"D x 8"W x 7-7/8"H	NO
	Code	Control Signal					
	4	4-20 mA dc, External Contact Closure for ON-OFF Control, or External 10K Potentiometer for Manual Control (Includes Power Limit Adjustment). Available with Power Codes 20 and 40 only.					
	7	8-48 Vdc or Time Proportional ON-OFF Voltage Signal from Electronic Controller					
	Code	Not Used					
	00	Add to Complete Model Number					
4117 -	20	7	00	Typical Model Number			

Note: Ratings based on ambient air temperature below controller. Ratings for units with no fan are based on controller mounted vertically in still air.

In Stock:

Model	PCN
4117-20400	313613
4117-20700	313621
4117-21700	313630
4117-40400	313648
4117-40700	313656
4117-41700	313664

Accessories

Description	Part No.	PCN
Fuse, 60 Amp, 500 Volt	0024-07557	313680
Fuse, 80 Amp, 500 Volt	0024-07558	313672
Fuse Holder	0024-12006	313699
Solderless Lug	0013-40062	313701
Remote 10K Potentiometer Kit	0135-27000	313947