

## Auxiliary Function Modules

### For Complete Product Specifications

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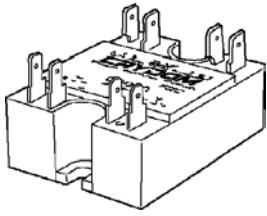
#### AC Series SST Soft-Start Modules

10-90 Amp; 120, 240 VAC; AC Output

► UL Approved

► FAX-ON-DEMAND — Code: 202

Models SST120 and SST240 auxiliary function modules gradually apply power to the load when energized by the control voltage. They must be used with Crydom Series 1 random turn-on solid state relays. Consult factory about use with 480 VAC loads. For a complete set (control module and solid state relay) order 10SST120, 25SST120, etc. Operating Temperature Range: -40°C to 80°C. Isolation Voltage (Vrms): 4000.

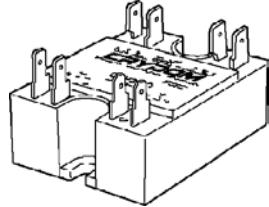


Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Amps)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-0144	SST120*	90-140	*	3.5-10	*	29.49
682-4162	10SST120	90-140	0.04-10	3.5-10	120	58.96
682-4163	25SST120	90-140	0.04-25	3.5-10	250	55.00
682-0146	SST240*	180-280	*	3.5-10	*	29.92
682-4165	25SST240	180-280	0.04-25	3.5-10	250	57.63
682-4166	50SST240	180-280	0.04-40	3.5-10	625	62.45
682-4167	90SST240	180-280	0.04-90	3.5-10	1200	88.25

\*Control module only, must be used with -10 (Series 1) DC input relay. All other models come with Series 1, -10 DC input solid state relay.

#### AC Series CPV Phase Control Modules

10-90 Amp; 120, 240 VAC • AC Output



► 0-5 VDC Phase Control

► FAX-ON-DEMAND — Code: 203

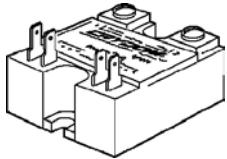
Models CPV120 and CPV240 auxiliary function modules provide control of the phased turn-on of a solid state relay, in response to the application of a 0-5 VDC control signal. They must be used with Crydom Series 1 random turn-on solid state relays. For a complete set (control module and solid state relay) order 10CPV120, 25CPV120, etc. Operating Temperature Range: -40°C to 80°C. Isolation Voltage (Vrms): 4000.

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Amps)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-4168	CPV120*	90-140	*	3.5-10	*	37.03
682-4169	10CPV120	90-140	0.04-10	3.5-10	120	57.34
682-4170	25CPV120	90-140	0.04-25	3.5-10	250	56.16
682-4171	40CPV120	90-140	0.04-40	3.5-10	625	58.52
682-4172	CPV240*	180-280	*	3.5-10	*	27.03
682-4174	25CPV240	180-280	0.04-25	3.5-10	250	58.30
682-4175	50CPV240	180-280	0.04-40	3.5-10	625	63.13
682-4177	90CPV240	180-280	0.04-90	3.5-10	1200	88.62

\*Control module only, must be used with -10 (Series 1) DC input relay. All other models come with Series 1, -10 DC input solid state relay.

#### AC Series DSD/DLD Time Delay Modules

10-90 Amp; 120/240 VAC; AC Output



► Externally Adjustable Time Delay

► Industry Standard Package

► UL Approved

► FAX-ON-DEMAND — Code: 201

These "on-operate" (pull-in) time-delay solid state relays are housed in a single industry standard package. AC output is controlled by a DC input and has an externally adjustable time delays. Operating Temperature Range: -40°C to 80°C. Isolation Voltage (Vrms): 4000.

#### Typical Turn-On Delay (For Various Timing Resistances)

	0 (Short)	10 KΩ Resistor	100 KΩ Resistor	470 KΩ Resistor	1.0 MΩ Resistor	
DSD Time	0.10 sec. 1.60 sec.	0.19 sec. 3.10 sec.	0.94 sec. 15.00 sec.	4.0 sec. 64.0 sec.	8.3 sec. 133.0 sec.	

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Amps)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-0094	DSD2410	48-280	0.04-10	3.5-15	120	38.83
682-0095	DSD2425	48-280	0.04-25	3.5-15	120	40.10
682-4145	DSD2450	48-280	0.04-50	3.5-15	120	39.20
682-4146	DLD2450	48-280	0.04-50	3.5-15	120	39.20

**Prices Subject To Change — We Always Ship At The Lowest Price In Effect**

**ALLIED ► 169**



#### AC Series RPC Solid State Proportional Controller

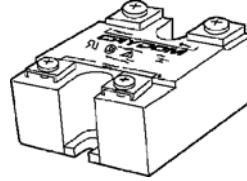
15-40 Amp; 120, 240, 480 VAC; AC Output

► Standard Package, Protective Cover Included

► Uses Potentiometer for Economical Power Control

► FAX-ON-DEMAND — Code: 205

The RPC series proportional controllers provide a cost effective method of controlling power in many applications such as heaters or incandescent lamps. A customer provided potentiometer is all that is required for control. Operating Temperature Range: -30°C to 80°C. Isolation Voltage (Vrms): 2500 (load to base plate only). Warning: Control to load is not isolated, exercise care in handling this product to avoid the risk of electric shock.



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Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Amps)	Off-State Leakage (mA)	Surge Current 1-Cycle (Apk)	EACH
682-3051	RPC1215	90-130	0.07-15	10	150	50.26
682-3052	RPC1225	90-130	0.08-25	10	250	63.16
682-3053	RPC1240	90-130	0.09-40	10	625	88.79
682-3054	RPC2415	200-240	0.07-15	7	150	54.95
682-3055	RPC2425	200-240	0.08-25	7	250	68.08
682-3056	RPC2440	200-240	0.09-40	7	625	94.71
682-3057	RPC4815	400-480	0.07-15	3	150	67.98
682-3058	RPC4825	400-480	0.08-25	3	250	76.89
682-3059	RPC4840	400-480	0.09-40	3	625	103.52

#### AC Series PCV Analog Input Power Controller

15-90 Amp; 120/240 VAC; AC Output

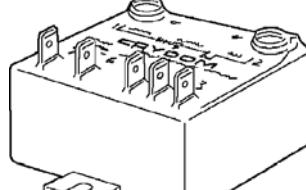
- 0-100% Control Range, Operates at 60 and 50 Hz
- Internal Snubber, Industry Standard Package
- UL, CSA Approved
- FAX-ON-DEMAND — Code: 204

The PCV Series proportional controllers are self contained power control modules integrating a complete phase fired logic control system and a solid state relay in the same standard package. Typical applications include heaters, vibratory feeders and tungsten lamps. Isolation Voltage (Vrms): 2500.

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Amps)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-3038	10PCV2415	100-240	0.15-15	2-10	150	66.95
682-3039	10PCV2425	100-240	0.15-25	2-10	250	78.62
682-4178	10PCV2450	100-240	0.15-50	2-10	625	95.82
682-4179	10PCV2475	100-240	0.15-75	2-10	1000	113.93
682-4180	10PCV2490	100-240	0.15-90	2-10	1200	126.58

#### AC Series LPCV Linear Proportional Load Controller

15-110 Amp; 120/240 VAC; AC Output



- Back-to-Back SCR Output
- Precise Proportional Load Controller
- FAX-ON-DEMAND — Code: 207

The LPCV linear proportional controllers control loads up to 110 amps. Changes in the input signal linearly vary the firing angle of the thyristor load control device. Control circuitry and power switch are in a single package. Operating Temperature Range: -30°C to 80°C. Isolation Voltage (Vrms): 2500.

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Amps)	