

Auxiliary Function Modules

SERIES RPC (SOLID STATE PROPORTIONAL CONTROLLER) 15-40 Amp • 120/240, 480Vac • AC Output

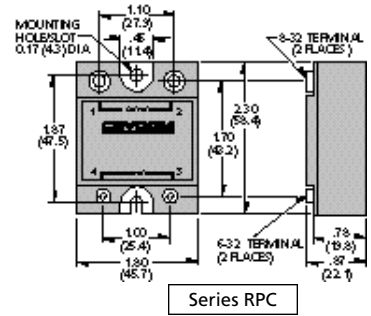
The RPC series proportional controllers provide a cost effective method of controlling power in many applications such as heaters or incandescent lamps. A customer provided potentiometer is all that is required for control.

- Standard Package, Protective Cover Included
- Uses Potentiometer for Economical Power Control



Type	Line Voltage Range (Vac)	Load Current Range (Arms)	Off-State Leakage (mA)	Surge Current 1-Cycle (Apk)
RPC1215	90-130	.07-15	10	150
RPC1225	90-130	.08-25	10	250
RPC1240	90-130	.09-40	10	625
RPC2415	200-240	.07-15	7	150
RPC2425	200-240	.08-25	7	250
RPC2440	200-240	.09-40	7	625
RPC4815	400-480	.07-15	3	150
RPC4825	400-480	.08-25	3	250
RPC4840	400-480	.09-40	3	625

Operating Temp 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.



SERIES PCV (ANALOG INPUT POWER CONTROLLER) 15-90 Amp • 120/240, 480Vac • AC Output

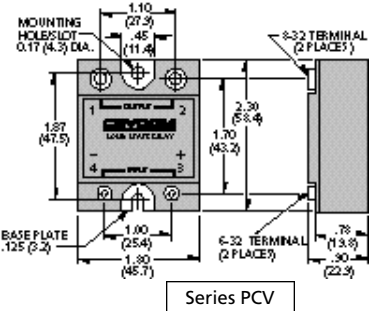
The PCV Series proportional controllers are self contained power control modules integrating a complete phase fired logic control system and a solid state relay in the same standard package. Typical applications include heaters, vibratory feeders and tungsten lamps.

- 0-100% Control Range, Operates at 60 & 50Hz
- Internal Snubber, Industry Standard Package



Type	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Voltage Range (Vdc)	Surge Current 1-Cycle (Apk)
10PCV2415	100-240	.15-15	2-10	150
10PCV2425	100-240	.15-25	2-10	250
10PCV2450	100-240	.15-50	2-10	625
10PCV2475	100-240	.15-75	2-10	1000
10PCV2490	100-240	.15-90	2-10	1200

Operating Temp Range: -30°C to 80°C Isolation Voltage (Vrms): 2500



SERIES LPCV (LINEAR PROPORTIONAL LOAD CONTROLLER) 15-110 Amp • 120/240, 480Vac • AC Output

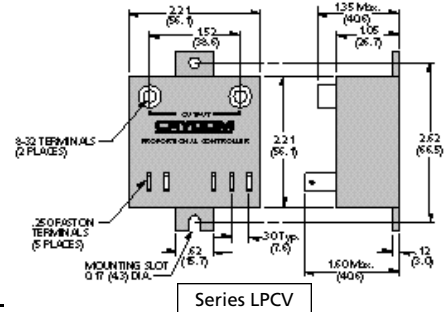
The LPCV linear proportional controllers control loads up to 110 amps. Changes in the input signal linearly vary the firing angle of the thyristor load control device. Control circuitry and power switch are in a single package.

- Back-to-Back SCR Output
- Precise Proportional Load Controller



Type	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Range	Surge Current 1-Cycle (Apk)
5LPCV2415	20-300	.10-15	0-5 Vdc	150
5LPCV2425	20-300	.10-25	0-5 Vdc	250
5LPCV2440	20-300	.10-40	0-5 Vdc	625
5LPCV2475	20-300	.15-75	0-5 Vdc	1000
5LPCV24110	20-300	.20-110	0-5 Vdc	1500
10LPCV2415	20-300	.10-15	0-10 Vdc	150
10LPCV2425	20-300	.10-25	0-10 Vdc	250
10LPCV2440	20-300	.10-40	0-10 Vdc	625
10LPCV2475	20-300	.15-75	0-10 Vdc	1000
10LPCV24110	20-300	.20-110	0-10 Vdc	1500
20LPCV2415	20-300	.10-15	4-20 mA	150
20LPCV2425	20-300	.10-25	4-20 mA	250
20LPCV2440	20-300	.10-40	4-20 mA	625
20LPCV2475	20-300	.15-75	4-20 mA	1000
20LPCV24110	20-300	.20-110	4-20 mA	1500

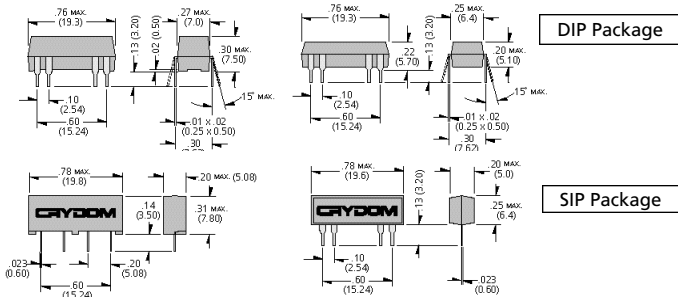
Operating Temp Range: -30°C to 80°C Isolation Voltage (Vrms): 2500



REED Relays SIP and DIP Packages

Crydom's SIP and DIP Reed relays provide a comprehensive range of products developed for high density PCB applications. Epoxy molded for complete resistance to automatic wave soldering, harsh cleaning fluids and severe industrial conditions. These relays are available with (D suffix) or without (L suffix) an internally fitted coil suppression diode.

- Epoxy Molder Package & Pin Configurations
- Optional Coil Suppression Diode



Type	Arrangement	Contact Ratings	Vdc	Ohms
D05-1A01-01L			5	500
D12-1A01-01L	14 Pin Dip		12	1000
D24-1A01-01L	1 Form A	10W, 200Vdc, 0.5A	24	2000
D05-1A01-01D	SPST-NO	250Vdc Holdoff	5	500
D12-1A01-01D			12	1000
D05-1B01-03L	14 Pin Dip		5	500
D12-1B01-03L	1 Form B	10W, 200Vdc, 0.5A	12	1000
D05-1B01-03D	SPST-NC	250Vdc Holdoff	5	500
D05-2A01-04L	14 Pin Dip		5	200
D12-2A01-04L	2 Form A	10W, 200Vdc, 0.5A	12	500
D05-2A01-04D	DPST-NO	250Vdc Holdoff	5	200
D05-1C20-05L	14 Pin Dip		5	200
D12-1C20-05L	1 Form C	3W, 175Vdc, 0.25A	12	500
D05-1C20-05D	SPDT-CO	200Vdc Holdoff	5	200
S05-1A02-01L			5	500
S12-1A02-01L	SIP		12	1000
S24-1A02-01L	1 Form A	15W, 200Vdc, 1A	24	2000
S05-1A02-01D	SPST-NO	250Vdc Holdoff	5	500
S12-1A02-01D			12	1000
S05-1A05-02L	SIP - 1 Form A	10W, 500Vdc, 0.5A	5	500
	SPST-NO	1500Vdc Holdoff		

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