

crydom[®]

NOVA22

PMP Series

Proportional Control Solid State Relays

The **NOVA22** line now offers fully configurable Single-Phase Proportional Control SSRs; the new **PMP Series** is ideal for controlling power on resistive load applications.

Ratings up to
90 Amps @ 40°C

C-UL-US Recognized
CE compliant

"Elevator Screw" output
terminations for added flexibility

3 available operating ranges:
280 VAC, 530 VAC or 600 VAC

Selectable Operation Mode (Phase Angle or Burst Fire)
and Control Input (0-5 VDC, 0-10 VDC, 4-20 mA)

8-30 VDC Supply Voltage range

Multifunction Status LED

50/60 Hz Adaptive Operational
Frequency function

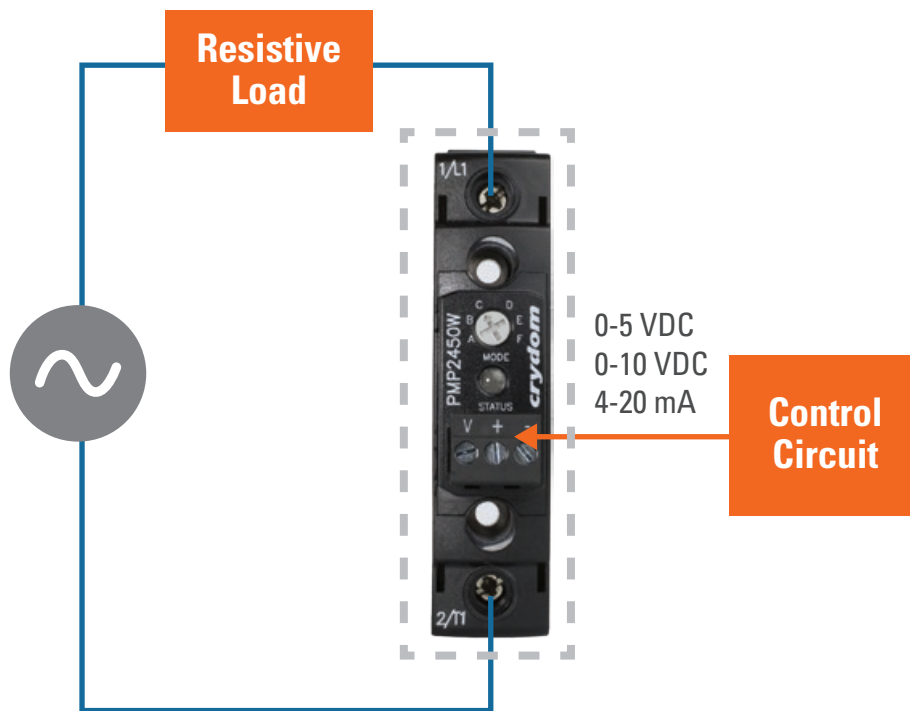
Removable input connector

Optional Built-in Overvoltage Protection

Compact 22.5mm panel mount housing



PMP Series Proportional SSRs are ideal for applications that require to vary the output load power from 0 up to 100% in response to an analog control signal coming from control devices such as PLCs or process controllers.

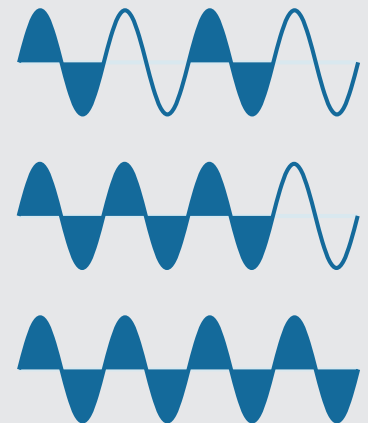


PMP Series SSRs work by applying one of 2 different control methods:



Phase Angle Control

The firing angle of the SCR is varied, effectively varying the output power. Ideal for applications such as tungsten lamp dimming and resistive heating control.



Order a PMP Series Proportional Control SSR according to your needs

Series	Operating Voltage	Terminal Layout	Thermal Pad
PMP	24: 90-280 VAC 48: 345-530 VAC 60: 420-600 VAC	W : Contactor Configuration (elevator screw)	Blank : Not Included H : Included
24			
25	Rated Load Current 25: 25 Amps 50: 50 Amps 90: 90 Amps		
W			
P		Overvoltage Protection Blank : Not Included P : Included	
H			

● Required for valid part number

● For options only and not required for valid part number

Burst Fire Control (with Distributive Zero Cross)

Time proportioning method in which full AC cycles are conducted at the output. Ideal for IR lamp heating and applications that require low electrical noise.