



Multi-Function Solid State Contactor with Analog Control

- Short Wave Infrared Lamps and Lighting Control
- Plastics and Rubber
- Industrial Heating
- HVAC
- Printing
- Wood



Single-Phase Time Proportioning Output



Control: Either 0-10V or 4-20mA DC
Load: Up to 50AAC
230, 480 and 600VAC



Versatile

The **RJ1P** is a single package solution that combines the functionality of several individual products. The innovative element of this design is that this solid state contactor is based on microprocessor control.

Plug and Play

Presenting a compact, fully integrated, ready-to-use solution - no waste of time and space to mount an external heat sink. It is also easily DIN rail mountable.

Fine Control

The output power can be adjusted with a high degree of resolution and is linearly proportional with the control input signal.

Easy Setup

It is very easy to change from one output function to another with the help of an 8-position rotary selector knob on the front of the device.

Flexible

The rotary knob has three unused positions. This provides additional modes to be factory customized according to specific application requirements that may arise for large OEMs and end users.



Multi-function

The user can select one of five pre-configured control types:

1. Phase Angle Control
2. Distributed Full Cycle Control
3. Burst Control (1 second)
4. Burst Control (3 seconds)
5. Burst Control (10 seconds)

High Level of Protection

The **RJ1P** has an extremely high surge current capacity ($I^2t=18,000A^2s$) that allows for the use of lower cost automatic circuit breakers.



Application Durability



Space Optimization



Long Term Reliability



Diagnostic Warning



RJ1P Series Flyer 5/06

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