Controls

Syrelec

Controls

FJR 3 SERIES

3 OR 2 STAGE ALTERNATOR

UL-E80750



C O N T R O L S

- Triplex or Duplex Mode Selectable
- Compact Size
- SPST 5 Amp Output

GENERAL FEATURES

The FJR3 replaces mechanical duplexor and triplexor controls with solid state technology. The compact size offers much more versatility in mounting locations.

The FJR3 is primarily designed to control multi-pump systems. Three pumps can be controlled and given approximately the same amount of run time while running only the number of pumps needed.

The FJR3 is equipped with a power up reset, any time input power has been removed for more than 5 seconds the first output to be activated will be Output 1.

For maintenance purposes or for two pump systems Output 3 can be locked out. This is done by connecting a jumper wire between the Common and Alternator terminals. In this mode, only Inputs 1 and 2 will be used to control Outputs 1 and 2.

SPECIFICATIONS:

Input Power	24, 110, 220VAC ± 15%
•	50/60 Hz
Max. Power Consumption	7VA Maximum
Output	SPST
Contact Material	Ag Cdo
Maximum Loading	5 AC resistive
Maximum Switching voltage	250 VAC
Maximum Power Rating	1100 VA
Mechanical Life of Relay	30 x 10 ⁷ operations
Electrical Life of Relay	2 x 10 ⁵ operations at 1100VA resistive
Operating Temperature	+32F° to +122°F (0°C to 50°C)
Weight	6 oz.
Input Current	820µA
Count Input	N.O. Contact Closure or NPN Transistor
-	d





INPUT POWER

Internal Relay Contact

To lock out Output #3 connect "ALT" to "COM". Input #3 will not be used in this mode.

Inputs are low current 8VDC. Input 1 is priority Input #2 is second, and #3 is last.

Input is made through normally open switches tied to "COM."

