# FJR 3 SERIES 3 OR 2 STAGE ALTERNATOR <br> UL－E80750 

## －Triplex or Duplex Mode Selectable <br> －Compact Size <br> －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：




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

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

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

STEP－ー ー ー ー－TRIPLEXOR・ー－－－－ー－－－ALTERNATOR－－

|  | $\begin{array}{\|c\|} \hline S \\ 1 \\ C \\ L \\ 0 \\ S \\ E \\ S \\ S \end{array}$ | $\left.\begin{array}{\|c\|} \hline \mathbf{S} \\ 1 \\ 0 \\ 0 \\ \mathbf{P} \\ \mathbf{E} \\ \mathbf{N} \\ \mathbf{S} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline S \\ 1 \\ C \\ L \\ 0 \\ S \\ E \\ S \\ S \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline S \\ 1 \\ 0 \\ \mathbf{P} \\ \mathbf{E} \\ \mathbf{N} \\ \mathbf{S} \\ \hline \end{array}$ | S 1 C L 0 0 $S$ $E$ $S$ | $\begin{aligned} & \hline S \\ & 1 \\ & 0 \\ & 0 \\ & P \\ & E \\ & N \\ & N \\ & S \end{aligned}$ | S <br> 1 <br>  <br> $C$ <br> 1 <br> 0 | $\begin{array}{\|c\|} \hline \mathrm{S} \\ 2 \\ \mathrm{C} \\ \mathrm{~L} \\ 0 \\ \mathrm{~S} \\ \mathrm{E} \\ \mathrm{~S} \end{array}$ | $\begin{aligned} & \hline \mathrm{S} \\ & 2 \\ & \mathbf{O} \\ & \mathbf{P} \\ & \mathrm{E} \\ & \mathrm{~N} \\ & \mathrm{~S} \end{aligned}$ | $\begin{aligned} & S \\ & 2 \\ & 0 \\ & L \\ & 0 \\ & 5 \\ & 5 \\ & S \end{aligned}$ |  |  | $\begin{aligned} & \hline S \\ & 2 \\ & 0 \\ & 0 \\ & P \\ & \hline \\ & \hline \end{aligned}$ |  | $S$  <br> 2  <br> $C$  <br> $C$  <br> $L$  <br> 0  <br> $S$  <br> $E$  <br> $S$  | $S$  <br> 3  <br> $C$  <br> $C$  <br> $L$  <br> 0  <br> $S$  <br> $E$  <br> $S$  | $\begin{array}{l\|} \hline \mathrm{S} \\ 3 \\ 0 \\ \mathbf{P} \\ \mathbf{E} \\ \mathrm{~N} \\ \mathbf{S} \end{array}$ | $\begin{array}{\|l\|} \hline S \\ 3 \\ C \\ C \\ 0 \\ \hline \\ \hline \\ \hline \end{array}$ | $\begin{aligned} & \mathbf{S} \\ & 3 \\ & \mathbf{O} \\ & \mathbf{P} \\ & \mathbf{E} \\ & \mathbf{N} \\ & \mathbf{S} \end{aligned}$ |  | S <br> 3 <br>  <br> 0 <br> $P$ <br> E | P E N S | $\begin{aligned} & \hline S \\ & 1 \\ & 0 \\ & 0 \\ & P \\ & E \\ & N \\ & \hline \mathbf{N} \end{aligned}$ | $\begin{aligned} & \hline \mathbf{S} \\ & 1 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \mathbf{S} \\ & \mathbf{E} \\ & \mathbf{S} \end{aligned}$ | 1 | $\begin{aligned} & S \\ & 1 \\ & c \\ & c \\ & 0 \\ & \mathbf{S} \\ & E \\ & \hline \end{aligned}$ | $\begin{array}{l\|} \hline \mathbf{S} \\ 1 \\ 0 \\ 0 \\ P \\ E \\ \mathbf{N} \\ \mathbf{S} \end{array}$ | $\left.\begin{array}{\|c\|} \hline \mathrm{S} \\ 1 \\ \mathrm{C} \\ \mathrm{~L} \\ 0 \\ \mathrm{~S} \\ \mathrm{E} \\ \mathrm{~S} \end{array} \right\rvert\,$ | $\begin{aligned} & \mathrm{S} \\ & 1 \\ & 0 \\ & 0 \\ & \mathrm{P} \\ & \mathrm{E} \\ & \mathrm{~N} \end{aligned}$ | $\begin{array}{l\|} \hline s \\ 1 \\ c \\ c \\ L_{2} \\ 0 \\ S \\ E \\ S \end{array}$ | $S$ <br> 1 <br> 0 <br>  <br>  <br> E |  |  | $\begin{aligned} & \hline S \\ & 2 \\ & \mathbf{Q} \\ & \mathbf{P} \\ & \mathbf{E} \\ & \mathrm{~N} \\ & \mathbf{S} \end{aligned}$ | $S$ <br> 2 <br> $C$ <br> $C$ <br> $L$ <br> 0 <br> $S$ <br> $E$ <br> $S$ <br> $S$ | $\begin{array}{\|l\|} \hline \mathbf{S} \\ 2 \\ \mathbf{O} \\ P \\ E \\ N_{2} \\ S \end{array}$ | $\begin{aligned} & s \\ & 1 \\ & 1 \\ & 0 \\ & \mathbf{P} \\ & E \\ & N \\ & \mathbf{N} \\ & \mathbf{S} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OUTPUT 1 |  |  |  |  |  |  | － |  |  |  |  | － |  | － |  | － |  | － |  |  | － |  |  |  |  |  |  | － |  |  |  |  |  |  |  | － | 0 |
| OUTPUT 2 |  |  | － |  |  |  |  |  | ， |  |  |  |  |  |  |  |  | － |  |  | ， |  |  |  |  |  |  |  |  | － |  |  |  |  |  |  |  |
| OUTPUT 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | － |  |  |  | － |  |  |  |  |  |  |  |  |  |  |  |  |  |

ORDERING INFORMATION：

$\frac{110 A}{\text { NPUT POWER }}$


INPUT POWER
$24 A=24 \operatorname{VACDC}$
For Assistance Call 1 （800）527－5311

