



- Duplex Alternating Control
- SPDT or DPDT Control Relay
- 10 Amp Rated
- Externally Controlled

The electronic alternating relay is designed to replace mechanical style devices used in control applications requiring a duplexing or alternating action of the control circuits to operate pumps, compressors, etc. This is achieved by activating a control switch which is common to one side of the input control voltage. The output contact of the relay(s) change state when this switch is opened

(on de-energization of the control circuit). When the control initiate switch is actuated and released or opened, the relay will change state. The next time the initiate switch is actuated and released it will change back to its original state. Two red LED's located on the top of the dust resistant enclosure provide the status of the relay.

SPECIFICATIONS:

Input	
Maximum power consumption	± 15%, 50/60 Hz 24 VAC: 1.5 VA 110 VAC: 5 VA
Output	220 VAC: 11 VA SPDT 10 A resistive DPDT 10 A resistive DPDT 10 A crosswired
Minimum pulse Contact material Maximum loading	30 ms AgCdO
Maximum switching voltage Relay maximum power rating Mechanical life of relay	250 VAC 250 VDC 2200 VA 80 W
Electrical life of relay Operating temperature	2 x 10⁵ at 2200 VA resistive load 14°F to 140°F -10°C to +60°C

WIRING DIAGRAM:



* INITIATE SWITCH must be isolated from other circuits



Products and specifications subject to change without notice.

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CONTROLS



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JRS SERIES ALTERNATING RELAY WITH SELECTOR SWITCH

UL listed

- Duplex Alternating Control
- SPDT or DPDT Control Relay
- 10 Amp Rated
- Externally Controlled
- Selection of Lead or Lag Load

The electronic alternating relay is designed to replace mechanical

style devices used in control applications requiring a duplexing

compressors, etc. This is achieved by activating a control switch

opened (on de-energization of the control circuit). When the control

which is common to one side of the input control voltage. The

output contact of the relay(s) change state when this switch is

or alternating action of the control circuits to operate pumps,

initiate switch is actuated and released or opened, the relay will change state. The next time the initiate switch is actuated, it will change back to its original state. Two red LED's located on the top of the dust resistant enclosure provide the status of the relay. A 3 Position Selector switch is installed for selection of normal operation (alternating) or selection of lead or lag load.

SPECIFICATIONS:

Input	24 VAC/DC, 110, 22 ±15%. 50/60 Hz	0 VAC
Maximum power consumption	24 VAC: 1.5 VA	
	110 VAC: 5 VA 220 VAC: 11VA	
Output		
•	DPDT 10 A resistive	
	DPDT 10 A crosswire	ed
Minimum pulse	30 ms	
Contact material	AgCdO	
Maximum loading	10 A AC resistive 8 A	A DC inductive
Maximum switching voltage	250 VAC 25	0 VDC
Relay maximum power rating	2200 VA 80	W
Mechanical life of relay	3 x 10 ⁶ operations	
Electrical life of relay	2 x 105 at 2200 VA re	esistive load
Operating temperature	14°F to 140°F -	10°C to +60°C
Weight	2.8 oz. (100g)	

WIRING DIAGRAM:

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NOTE: DPDT relay available only with 11 pin plug-in (L).

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