



# JGX-24F

## OPTICAL ISOLATION SOLID STATE RELAY



### FEATURES: AC OUTPUT RELAY:

1. DC line input or AC input.
2. With internal RC soak up network.
3. Zero voltage turn-on and stochastic turn-on.
4. Apply optical isolation technology in-put and out-put.
5. Put in LED indication.
6. Liquid epoxy-filled, Al base.
7. The design anti-incorporates an one-way SCR output.

### SPECIFICATIONS:

Electrical Specifications( $T_a=25^{\circ}\text{C}$ )			
In-put data	In-put Voltage	3~14VDC	
		10~32VDC	
		90~280VAC	
	In-put Current (mA)	3~14VDC	1~25
		10~32VDC	1~16
		90~280VAC	1~10
	Turn-off Voltage (V)	3~14VDC	1
		10~32VDC	5
90~280VAC		25	
Reverse Voltage (VDC)	3~14	14	
	10~32	32	
Out-put data	Rated out-put Current (A)		60
	Maximum Surge Current (10ms)		600A
	Rated Out-put Voltage (VAC)		380
	Zero Cross Voltage (VAC)		+-25
	Instantaneous Voltage (Vp)		800
	Out-put Voltage-drop (VAC)		2
	Out-put Current leakage (mA)		10
	Turn on Time (ms)		10
	Turn off Time (ms)		10
	Operate Frequency (Hz)		47~70
	Power Dissipation (W/A)		2
	Voltage Index Rise (V/us)		200
Environmental Specifications	Insulation Resistance( $M\Omega$ )		1000
	Dielectric Withstanding Voltage (Vr.m.s.)		2000
	Operating Temperature Range ( $^{\circ}\text{C}$ )		-30~80
	Stock Temperature ( $^{\circ}\text{C}$ )		-40~100
	Weight (g)		120

Part No.	In-put Voltage	Out-put Voltage (VAC)
014-380~	3~14 VDC	380
010-380~	10~32VDC	
220~380~	90~280VAC	

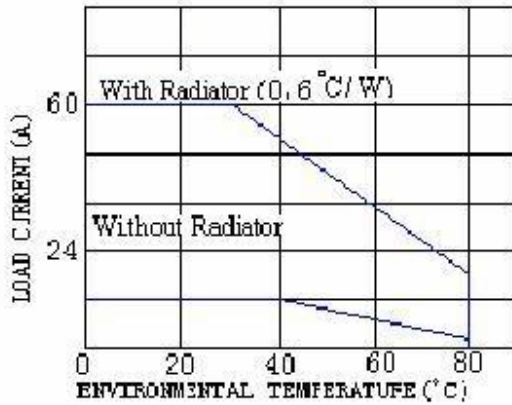


**Order Information:**

JGX- 2 4 F /014-380 ~ /1  
 1 2 3

- 1. Model
- 2. Part No.
- 3. 1 = Stochastic turn-on  
 Nil. = Turn-on at Zero cross

**Out-put Characteristics:**



**Outline Dimension:**

