



► FEATURES

- 2,500V dielectric strength
- Photo isolation
- Removable finger proof cover available
- Built-in snubber
- Zero cross or random turn-on
- Panel mount
- DC or AC control
- With LED indicator or not



► CHARACTERISTICS

MODEL	DC : AC	AC : AC	DC : DC
Controlling Voltage	3-14VDC,3-32VDC	90-250VAC	5-32VDC
Controlling current	6-35mA	5-30mA	6-25mA
Make-on Voltage	3VDC	90VAC	5VDC
Break-off Voltage	1VDC	10VAC	1VDC
Reverse Voltage	32VDC	--	32VDC
Load Voltage	30-240VAC,40-440VAC	30-240VAC,38-440VAC	12-250VDC
Load Current	10A ~ 80A	10A ~ 80A	10A,15A,20A 25A,30A,40A
Instant Voltage	600VAC,900VAC	600VAC,900VAC	400VDC
Voltage Drop in On	Min. 1.6VAC	Min.1.6VAC	Min.1.2VDC
On-off Time	Max. 10mS	Max. 10mS	Max. 5mS
Leakage Current in off	Max. 10mA	Max. 10mA	Max. 5mA
Dielectric Strength	Min. 2,500VAC	Min. 2,500VAC	Min. 2,500VAC
Insulation Resistance	500M ohm (at 500VDC)	500M ohm (at 500VDC)	500M ohm (at 500VDC)
Ambient Temperature	-30~80°C	-30~80°C	-30~80°C
Weight	10A:135g,20A:140g, 40A:145g	10A:135g,20A:140g, 40A:145g	10A:110g,20A:140g, 40A:145g
Indicate Methods	LED	LED	LED
Dimension(LxWxH)	63 x 45 x 26mm	63 x 45 x 26mm	57.2 x 43.5 x 29mm

► ORDERING INFORMATION

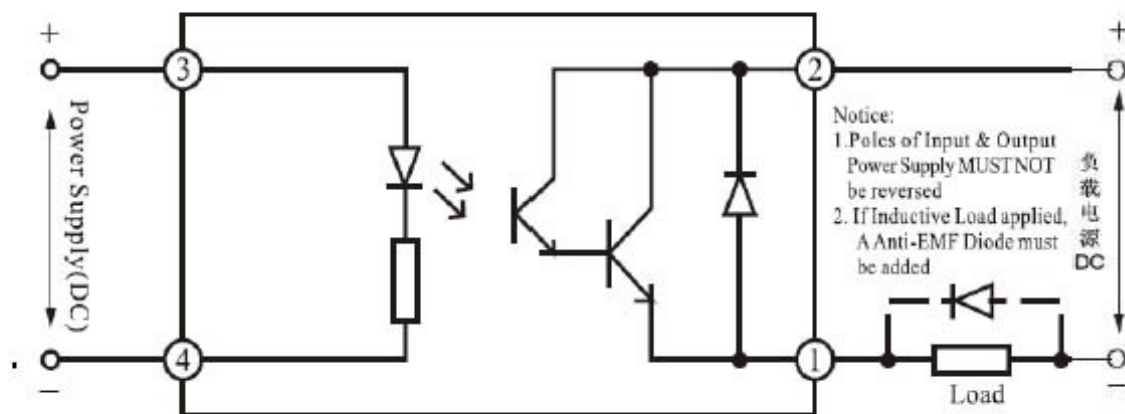
Ex) <u>SJ</u> - <u>32D</u> <u>40A</u> <u>440AC</u>			
MODEL			
INPUT DC	14DC : 3-14VDC 32DC : 3-32VDC	OUTPUT AC	10A,15A,20A,25A,30A 40A,60A,80A,100A
			30-240VAC 40-440VAC
INPUT AC	250AC : 90-250VAC	OUTPUT AC	10A,15A,20A,25A,30A 40A,60A,80A
			90-250VAC
INPUT DC	32DC : 5-32VDC	OUTPUT DC	10A,15A,20A,25A,30A 40A
			12-400VDC

For DC OUTPUT 40A only have 50V, 100V and 250V, For 400V only have 10A, 20A and 25A.

► OUTLINE DIMENSIONS, WIRING DIAGRAM AND MOUNTING HOLES

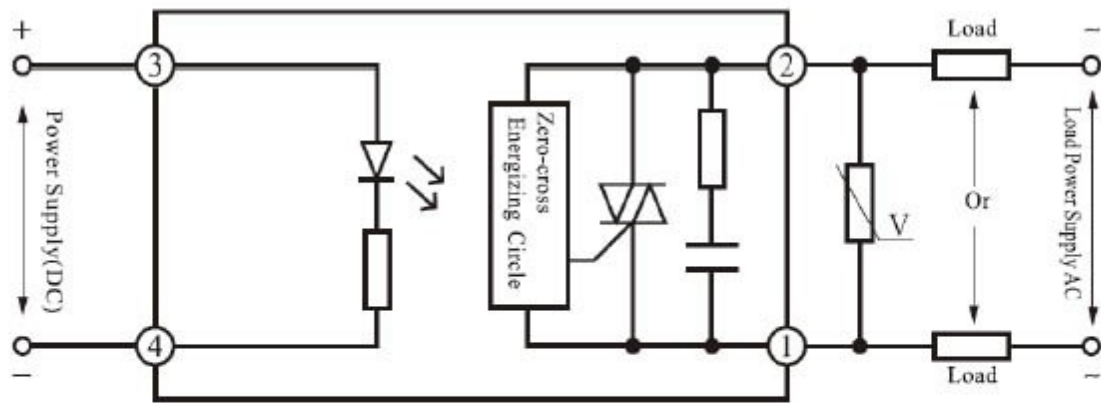
(Unit : mm)

WIRING DIAGRAM: (DC INPUT DC OUTPUT)



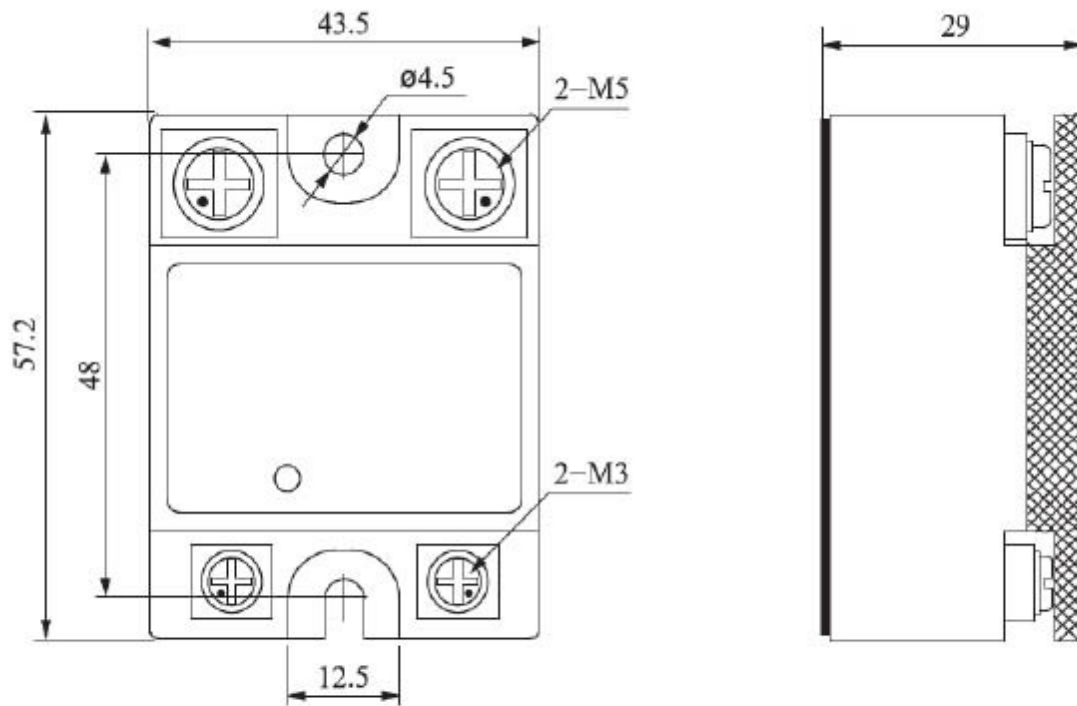
Remarks:

1. Both of Input power and Output power must be DC Voltage.
2. Please make correct polarity connection for input and output power.
3. Inductive load must be connected with back electromotive force to suck up the diode.
4. If the SSR with load above 10Amps, it must be mounted onto heat sink.

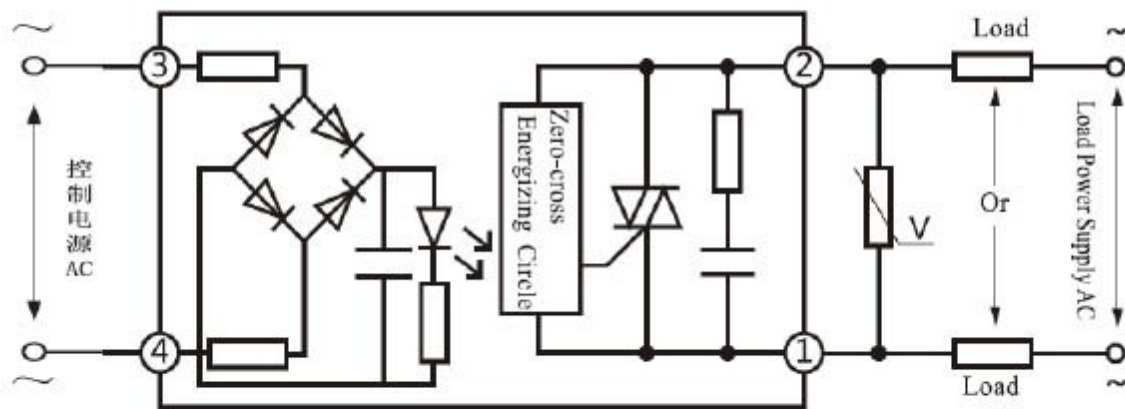
WIRING DIAGRAM: (DC INPUT AC OUTPUT)**Remarks:**

1. Input power must be DC Voltage and Output power must be AC Voltage.
2. Please make correct polarity connection for input and output power.
3. If the SSR with load above 10Amps, it must be mounted onto heat sink. It should be mounted onto fan-cooling or water-cooling if the load above 80Amps.
4. It is zero-cross type.

DIMENSIONS (Unit: mm)



WIRING DIAGRAM: (AC INPUT AC OUTPUT)



Remarks:

1. Both of Input power and Output power must be AC Voltage.
2. Please make correct polarity connection for input and output power.
3. If the SSR with load above 10Amps, it must be mounted onto heat sink. It should be mounted onto fan-cooling or water-cooling if the load above 80Amps.
4. It is zero-cross type.