

## ■ Specification

Type	Terminal Type					PCB Type
Model	SSR-10DA	SSR-25DA	SSR-40DA	SSR-25DA-H	SSR-40DA-H	SSR-P03DA
Rated Load Current	10A	25A	40A	25A	40A	3A
<b>Input Data</b>						
Operating Voltage	3~32VDC					
Min. ON / OFF Voltage	ON > 2.4V , OFF < 1.0V					
Trigger Current	7.5mA / 12V					
Control Method	Zero Cross Trigger					
<b>Output Data</b>						
Operating Voltage	24~380VAC		90~480VAC		24~480VAC	
Min. Block Voltage	600 VAC < Repetive >					
Voltage Drop	1.6 V / 25 C					
Max. Durated Current	135A	275A	410A	275A	410A	135A
Leakage Current	3.0mA	3.0mA	3.0mA	5.0mA	5.0mA	3.0mA
Response Time	ON < 10ms , OFF < 10ms					
<b>General Data</b>						
Dielectric Strength	Over 2.5KVAC / 1min.					
Isolation Strength	Over 50MΩ / 500VDC					
Operating Temperature	-20 C ~ +80 C					
Housing Material	Intensive ABS					
Weight	Appr. 105g					Appr. 15g
<b>Connection Diagram</b>						
<p>The diagram illustrates the internal circuit of the SSR. On the left, the 'INPUT CIRCUIT' consists of a switch connected between terminals +4 and +3. This circuit leads to a network of resistors and diodes. The 'ZERO CROSS CIRCUIT' includes a diode and a capacitor, designed to detect the zero-crossing point of the AC waveform. The output terminals are labeled 1 and 2, which are connected to a 'LOAD' and a 24~380V AC source.</p>						