



SSR Series

DC to AC Solid State Relay

Specification

Type	Terminal Type						PCB Type
Model	SSR-10DA	SSR-25DA	SSR-40DA	SSR-25DA-HSSR	40DA-HSSR	P03DA	
Rated Load Current	10A	25A	40A	25A	40A	3A	
Input Data							
Operating Voltage	3~32VDC						
Min. ON / OFF Voltage	ON > 2.4V , OFF < 1.0V						
Trigger Current	7.5mA / 12V						
Control Method	Zero Cross Trigger						
Output Data							
Operating Voltage	24~380VAC			90~480VAC		24~480VAC	
Min. Blocking Voltage	600 VAC < Repetitive >						
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						
General Data							
Dielectric Strength	Over 2.5KVAC / 1min.						
Isolation Strength	Over 50M Ω / 500VDC						
Operating Temperature	-20°C ~+80°C						
Housing Material	Intensive ABS						
Weight	Appr. 105g						Appr. 15g

Connection Diagram



