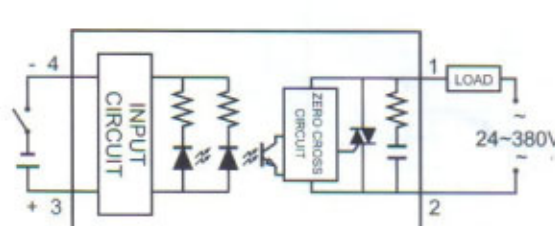
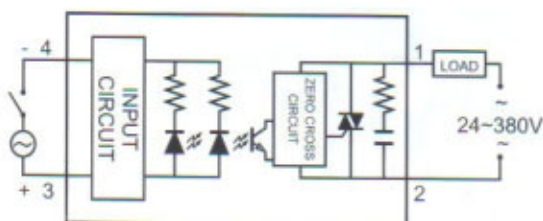


■ Specification

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
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		24~380VAC
Min. Black 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					
General Data						
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
Connection Diagram						
						

■ Specification

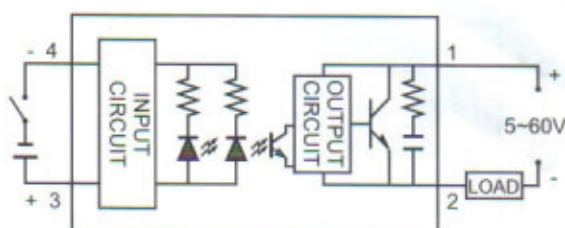
Type	Terminal Type				
Model	SSR-10AA	SSR-25AA	SSR-40AA	SSR-25AA-H	SSR-40AA-H
Rated Load Current	10A	25A	40A	25A	40A
Input Data					
Operating Voltage	80~250VAC 50 / 60Hz				
Min. ON / OFF Voltage	ON > 45V , OFF < 35V				
Trigger Current	5.0mA / 110VAC max.				
Control Method	Zero Cross Trigger				
Output Data					
Operating Voltage	24~380VAC			90~480VAC	
Min. Black Voltage	600 VAC < Repetive >				
Voltage Drop	1.6 V / 25 C				
Response Time	ON < 20ms , OFF < 20ms				
Max. Durated Current	135A	275A	410A	275A	410A
Leakage Current	3.0mA	5.0mA	3.0mA	5.0mA	5.0mA
General Data					
Dielectric Strength	Over 2.5KVAC / 1min.				
Isolation Strength	Over 50MΩ / 500VDC				
Operating Temperature	-20 C ~+80 C				
Housing Material	Intensive ABS				
Weight	Appr. 110g				
Connection Diagram					



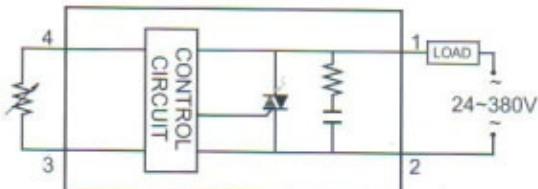
■ Specification

Type	Terminal Type		PCB Type
Model	SSR-05DD	SSR-10DD	SSR-P03DD
Rated Load Current	5A	10A	3A
Input Data			
Operating Voltage	3~32VDC		
Min. ON / OFF Voltage	ON > 2.4V , OFF < 1.0V		
Trigger Current	7.5mA / 12V		
Control Method	Isolated by photocouple		
Output Data			
Operating Voltage	5~60VDC		5~60VDC
Min. Block Voltage	300VDC		
Voltage Drop	1.6 V / 25 C		
Response Time	1ms < ON+OFF >		
Max. Durated Current	15A	30A	15A
Leakage Current	< 0.8mA		
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

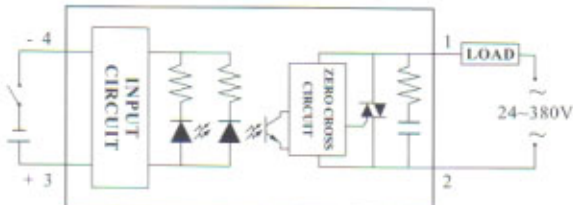
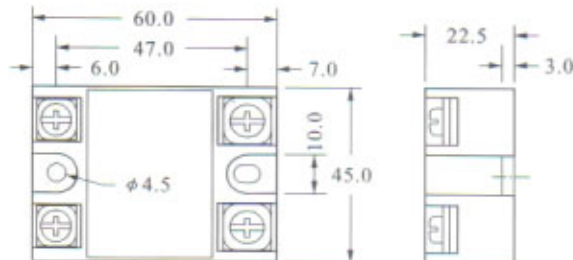


■ Specification

Type	Terminal Type		
Model	SSR-10VA	SSR-25VA	SSR-40VA
Rated Load Current	10A	25A	40A
Input Data			
Variable Resistance	Trimmer / 250kΩ to 110V , 500kΩ to 220V , / MΩ to 380V		
Control Method	Phase Control		
Output Data			
Operating Voltage	24~380VAC		
Min. Black Voltage	600 VAC < Repetive >		
Voltage Drop	1.6 V / 25 C		
Max. Durated Current	135A	275A	410A
Leakage Current	5.0mA	5.0mA	5.0mA
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		
Connection Diagram			
Adjustable SSR			
			
VR : 250KV Ω/110VAC, 500KΩ/220VAC			

FOTEK SSR SERIES HIGH CURRENT DC TO AC SOLID STATE RELAY

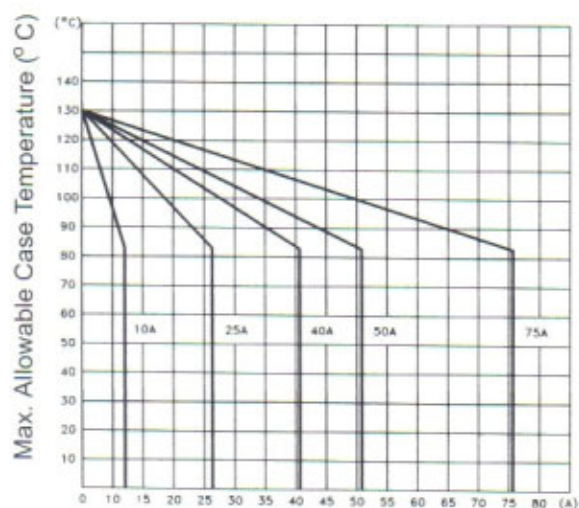
■ Specification

Type	Terminal Type			
Model	SSR-50DA	SSR-75DA	SSR-50DA-H	SSR-75DA-H
Rated Load Current	50A	75A	50A	75A
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			
Operating Data				
Operating Voltage	24~380VAC		90~480VAC	
Min. Blocking Voltage	600 VAC<Repetitive>			
Voltage Drop	1.6V / 25℃			
Max. Duratde Current	550A	820A	550A	820A
Leakage Current Max.	6.0mA	6.0mA	6.0mA	6.0mA
Response Time	ON<10ms , OFF<10ms			
General Data				
Dielectric Strength	Over 2.5KVAC/1min.			
Isolation Strength	Over 50M Ω/ 500VDC			
Operating Temperature	-20℃ ~+80℃			
Housing Material	Intensive ABS			
Weight	Appr.125g			
Connection Diagram/Dimension				
				

■ Curve of Characteristic

Max. Allowable Case Temperature

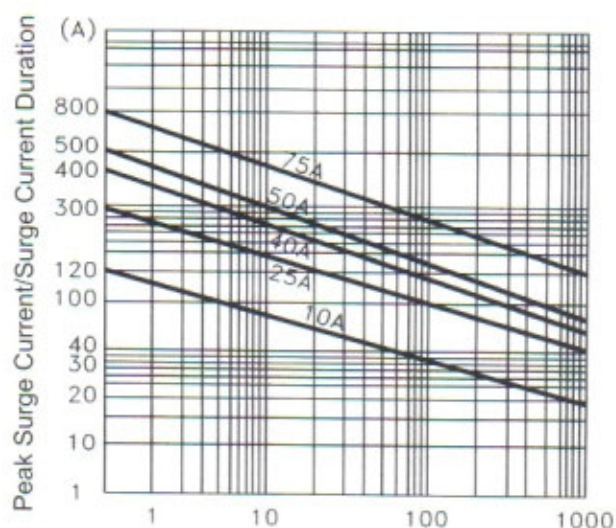
最高容許表面溫度



ON State Current (A) 動作電流

Peak Surge Current/Surge Current Duration

衝擊電流 / 承受次數



Surge Current Duration (Full cycles)

■ Dimension

Terminal Type	PCB Type
Terminal Type dimensions diagram showing a rectangular component with a central square hole of diameter 4.5. The overall width is 45.0, and the overall height is 60.0. The distance from the top edge to the center of the hole is 47.0. The distance from the bottom edge to the center of the hole is 7.0. The distance from the left edge to the center of the hole is 10.0. The distance from the right edge to the center of the hole is 10.0. The distance from the bottom edge to the bottom of the hole is 22.5. The distance from the left edge to the left of the hole is 3.0. The distance from the right edge to the right of the hole is 3.0.	PCB Type dimensions diagram showing a rectangular component with a central square hole of diameter 4.5. The overall width is 43.0, and the overall height is 26.0. The distance from the top edge to the center of the hole is 10.0. The distance from the bottom edge to the center of the hole is 7.0. The distance from the left edge to the center of the hole is 12.7. The distance from the right edge to the center of the hole is 10.2. The distance from the bottom edge to the bottom of the hole is 0.5. The distance from the left edge to the left of the hole is 5.1. The distance from the right edge to the right of the hole is 5.5. The component is labeled SSR-P03DA with IN and OUT terminals.

■ Dimension < Heat Sink >

