

SOLID STATE RELAY(SSR)

10 WYNG AC220V 10A~80A (DC/AC, AC/AC Type)



Metal
Bonding
Process



표준형(Standard Type)

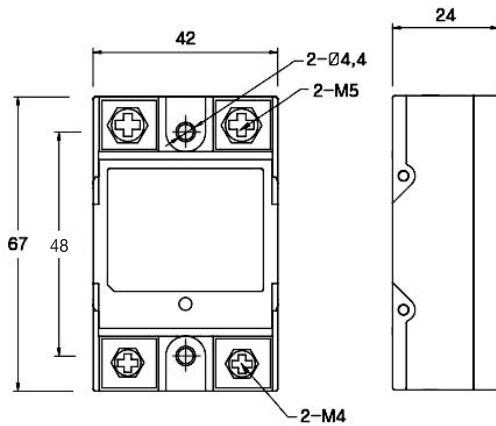
본 제품 시리즈는 UL () 인증을 획득한 제품으로 AC90~240V, 10~80A의 용량을 가지고 있으며 일반 저항성 부하(Z형), 일반 유도성 부하(R형)에 사용되며 입력 콘트롤에 따라 ON/OFF 상태를 식별할 수 있는 램프(LED)가 부착되어 있는 SSR입니다.

• cUL 규격인증품 : UL508

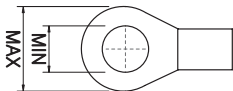
These product series have acquired UL () certification. They carry capacity of AC90~240V 10~80A, and are used on resistive load (Z type) and on general inductive load. These SSR feature an LED that can identify the state of power ON/OFF according to input control.

• cUL Std. No : UL508

Dimension



Terminal



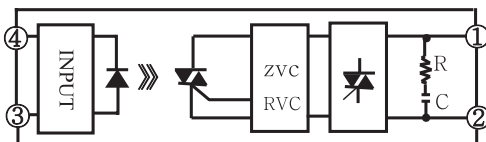
Input Ter : Max 9.5, Min 4
Output Ter : Max 12, Min 5

Specifications

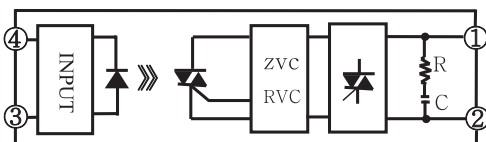
* cUL Certified

ITEM		MODEL	※WYNG1C10/15/20/25/30/40Z4 WYNG1C50/60/80Z4					WYNG1C10/15/20/25/30Z40 WYNG1C40/50/60/80Z40				
			WYNG1C10/15/20/25/30/40R4 WYNG1C50/60/80R4					WYNG1C10/15/20/25/30Z40 WYNG1C40/50/60/80R40				
O U T P U T	Rated voltage	220VAC										
	Voltage range	90 ~ 240VAC										
	Non repetitive peak voltage	600V										
	Rated load current	10A	15A	20A	25A	30A	40A	50A	60A	80A		
	Frequency	50 / 60Hz										
	Peak surge current	125A	260A	300A	300A	315A	315A	525A	525A	525A		
	leakage current	10mA										
	Contact voltage drop	1.3V	1.5V	1.3V	1.3V	1.3V	1.3V	1.8V	1.8V	1.8V		
Minimum operating current		1.0A										
I N P U T	Maximum input voltage	32VDC					240VAC					
	Input voltage range	4 ~ 32VDC					90 ~ 240VAC					
	Input current	10mA					16mA(MAX)					
	Minimum operating voltage	3.0VDC					85VAC					
	Turn off voltage	1.4VDC					20VAC					
G E N E R A L	Dielectric withstand	2000VAC / rms / 1Min										
	Insulation resistance	DC 500V / 100MΩ										
	Response time	R4 : 1±1ms Z4 : 8.3±1ms R40, Z40 : 30±1ms										
	Circuit control	Z40, Z4 : Zero cross type R40, R4 : Random cross type										
	Operating temperature	-10 ~ +60℃										
	Storage temperature	-20 ~ +80℃										
	Weight	0.1kg										

Block Diagram



* ZVC : ZERO CROSS VOLTAGE CIRCUIT
* RVC : RANDOM CROSS VOLTAGE CIRCUIT



* ZVC : ZERO CROSS VOLTAGE CIRCUIT
* RVC : RANDOM CROSS VOLTAGE CIRCUIT

Application Circuit

