

SOLID STATE RELAY(SSR)

WYES®
무접점전자릴레이

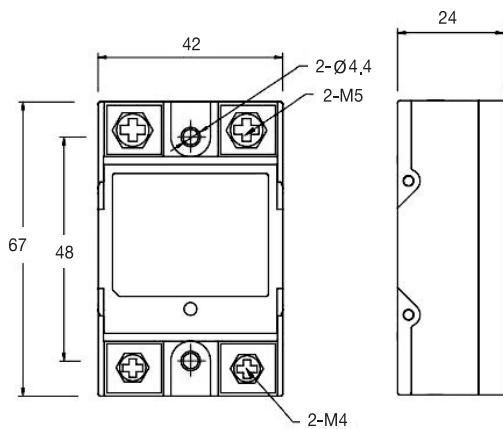
10 WYNH AC440V 10A~80A (DC/AC, AC/AC Type)



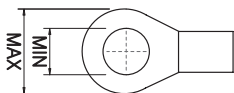
Metal
Bonding
Process



● Dimension



● Terminal



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

● 표준형(Standard Type)

본 제품 시리즈는 UL (UL) 인증을 획득한 제품으로 AC90~480V, 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 (UL) certification. They carry capacity of AC90~480V 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.

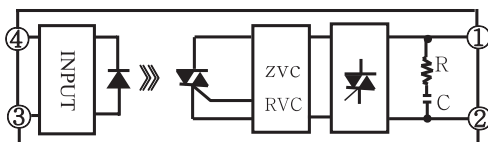
• cUL Std. No : UL508

● Specifications

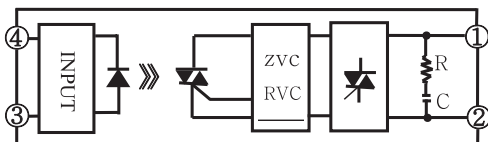
※ cUL Certified

ITEM		MODEL	※ WYNH1C10/15/20/25/30/40Z4 WYNH1C50/60/80Z4					WYNH1C10/15/20/25/30/40Z40 WYNH1C50/60/80Z40				
			WYNH1C10/15/20/25/30/40R4 WYNH1C50/60/80R4					WYNH1C10/15/20/25/30/40R40 WYNH1C50/60/80R40				
O U T P U T	Rated voltage	440VAC										
	Voltage range	90 ~ 480VAC										
	Non repetitive peak voltage	800 / 1200V										
	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 / 100M Ω										
	Response time	R4 : 1 $\pm$ 1ms Z4 : 8.3 $\pm$ 1ms R40, Z40 : 30 $\pm$ 1ms										
	Circuit control	Z40, Z4 : Zero cross type R40, R4 : Random cross type										
	Operating temperature	-10 ~ +60 $^{\circ}$ C										
	Storage temperature	-20 ~ +80 $^{\circ}$ C										
	Weight	0.1kg										

● Block Diagram

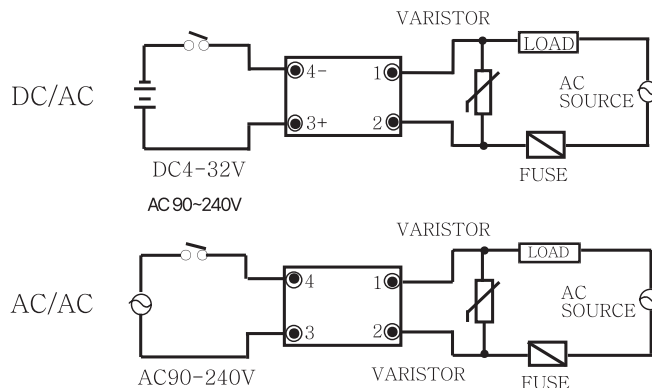


* ZVC : ZERO CROSS VOLTAGE CIRCUIT
* RVC : RANDOM CROSS VOLTAGE CIRCUIT



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● Application Circuit



트랜스포머
REACTOR
리액터
무접점전자릴레이
SSR
전력조정기
TPR
스위칭파워
SMP
노이즈필터
H/F
하모닉필터
서지보호기
SPD
보호계전기
RELAY
누전경보기
ELD=GF
영상변류기
ZCT
판넬메타
METER
계기용변성기
CT=VT
선풍팬
SHUNT=FAN