

SOLID STATE RELAY(SSR)

WYES®
무접점전자릴레이

3Ø WY3H AC440V 10A~80A (DC/AC, AC/AC Type)



Metal
Bonding
Process



● 일반형(General Type)

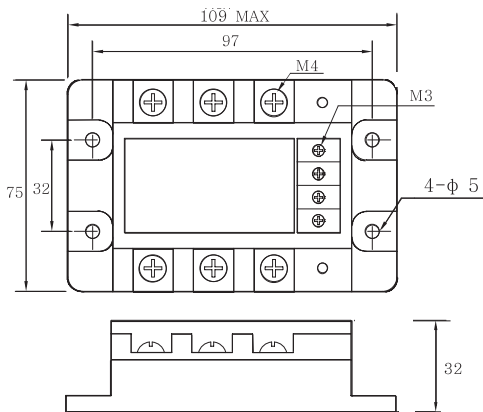
삼상 일반형으로 제작된 제품으로 고신뢰성 부품을 선정하여 전기적 내환경을 강화한 제품으로 AC90~480V, 10~80A의 용량을 가지고 있으며 입력측에 LED 표시장치가 있는 일반형 SSR입니다.

• cUL 규격인증품 : . UL508

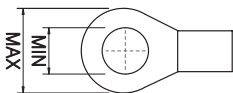
This is a 3-phase general type product. This product featuring electric and environmental resistance reinforced by using highly reliable parts carries a capacity of AC90~480V, 10~40A It is an general type SSR is equipped with LED according to input control.

• cUL Std.No.: UL508

● Dimension



● Terminal



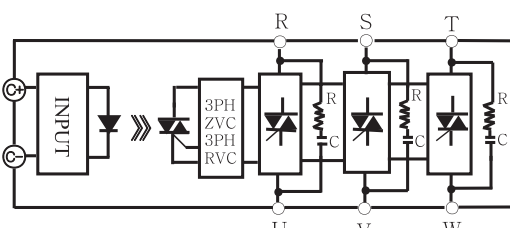
Input Ter : Max 6.2, Min 3
Output Ter : Max 12, Min 4

● Specifications

※ cUL Certified

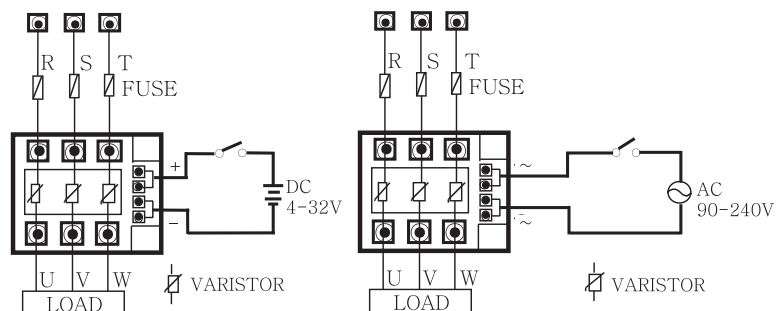
ITEM		MODEL	※ WY3H3C10/20/30/40Z4 WY3H3C50/60/80Z4					WY3H3C10/20/30/40Z40 WY3H3C50/60/80Z40		
			WY3H3C10/20/30/40R4 WY3H3C50/60/80R4					WY3H3C10/20/30/40R40 WY3H3C50/60/80R40		
O U T P U T	Rated voltage	440VAC								
	Voltage range	90 ~ 480VAC								
	Non repetitive peak voltage	800 / 1200V								
	Rated load current	15A	20A	30A	40A	50A	60A	80A		
	Frequency	50 / 60Hz								
	Peak surge current	160A	260A	420A	420A	480A	480A	480A		
	leakage current	10mA								
	Contact voltage drop	1.7V	1.8V	1.8V	1.8V	2.0V	2.0V	2.0V		
	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	0.4kg								

● Block Diagram



* 3PH ZVC : 3PH ZERO CROSS VOLTAGE CIRCUIT
* 3PH RVC : 3PH RANDOM CROSS VOLTAGE CIRCUIT

● Application Circuit



트랜스포머
REACTOR
무접점전자릴레이
SSR
전력조정기
TPR
스위칭파워
SMP
노이즈필터
H/F
하모닉필터
SPD
서지보호기
RELAY
보호계전기
ELED=GF
영상변류기
ZCT
판넬메타
ME
계기용변성기
CT=VT
SHUNT=FA