

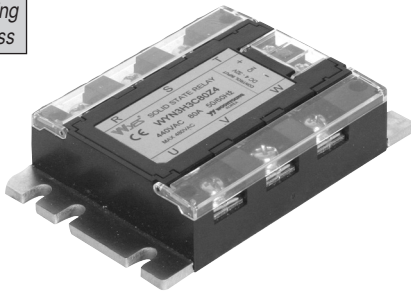
SOLID STATE RELAY(SSR)

WYES®
무접점전자릴레이

3Ø WYN3H AC440V 10A~80A (DC/AC, AC/AC Type)



Metal
Bonding
Process



표준형(Standard Type)

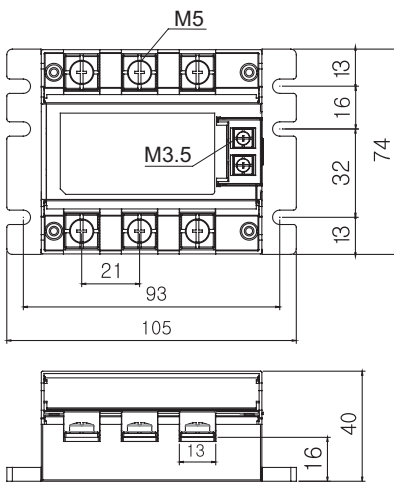
삼상 표준형으로 제작된 제품으로 고신뢰성 부품을 선정하여 전기적 내환경을 강화한 제품으로 AC90~480V, 10~80A의 용량을 가지고 있으며 입력측에 LED 표시장치가 있는 일반형 SSR입니다.

- cUL 규격인증품 : UL508
- UL Cer. No : E142643

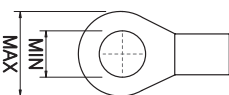
This is a 3-phase standard type product. This product featuring electric and environmental resistance reinforced by using highly reliable parts carries a capacity of AC90~480V, 10-80A It is an general type SSR is equipped with LED according to input control.

- cUL Std.No.: UL508
- UL Cer. No : E142643

Dimension



Terminal



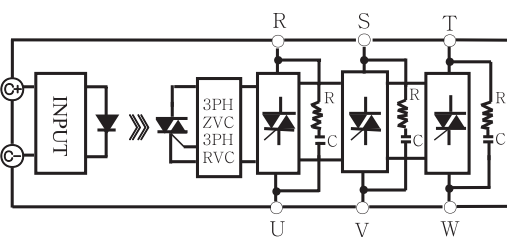
Input Ter : Max 7, Min 3.5
Output Ter : Max 12, Min 5

Specifications

※ cUL Certified

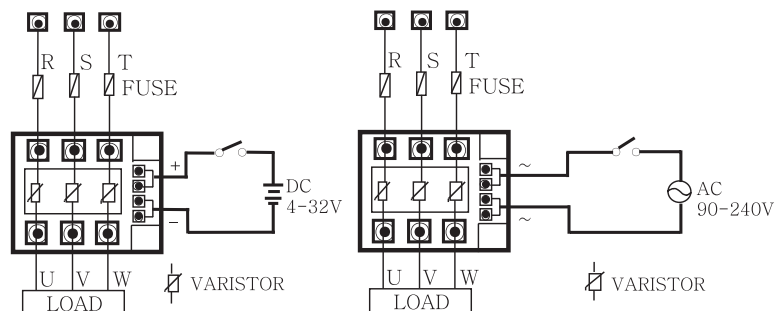
ITEM		MODEL	※WYN3H3C10/15/20/25/30/40Z4 WYN3H3C50/60/80Z4					WYN3H3C10/15/20/25/30/40Z40 WYN3H3C50/60/80Z40				
			WYN3H3C10/15/20/25/30/40R4 WYN3H3C50/60/80R4					WYN3H3C10/15/20/25/30/40R40 WYN3H3C50/60/80R40				
O U T P U T	Rated voltage	440VAC										
	Voltage range	90 ~ 480VAC										
	Non repetitive peak voltage	1200VAC										
	Rated load current	10A	15A	20A	25A	30A	40A	50A	60A	80A		
	Frequency	50 / 60Hz										
	Peak surge current	125A	160A	260A	260A	420A	420A	480A	480A	480A		
	leakage current	10mA										
	Contact voltage drop	1.5V	1.7V	1.8V	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	10±3(mA)					16.3mA(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°C										
	Storage temperature	-20 ~ +80°C										
	Weight	0.3kg										

Block Diagram



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

Application Circuit



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