

SOLID STATE RELAY(SSR)

무접점전자릴레이

3Ø WYL3H AC440V 10A~80A (DC/AC, AC/AC Type)



Metal Bonding Process

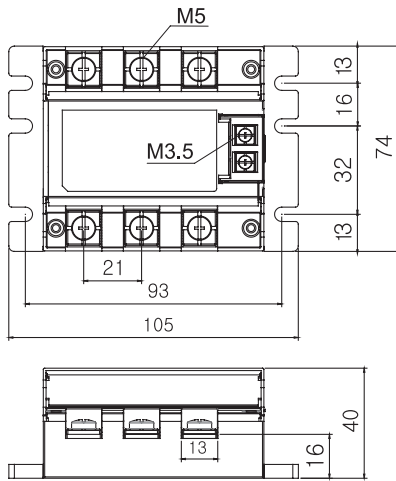


● 경제형(Economy Type)

본 제품 시리즈는 경제형으로 제품의 높이를 SLIM화하여 타 제품보다 약 10mm가량 낮게 제작된 SSR로 보호커버 및 외형의 디자인을 보다 세련되게 제작되었으며 고신뢰성 부품을 선정하여 전기적 내환경을 강화한 제품으로 AC90~480V, 10~80A의 용량을 가지고 있으며 입력측에 LED 표시장치가 있는 경제형 SSR입니다.

These product series are economic SSR types. The product height has been reduced by approximately 10mm compared with that of other products where the design of the protective cover and the external view have been made in a more sophisticated style. This product featuring electric and environmental resistance reinforced by using highly reliable parts carries a capacity of AC90~480V, 10-80A. It is an economic type SSR equipped with LED according to input control.

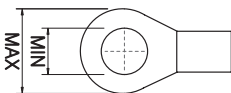
● Dimension



● Specifications

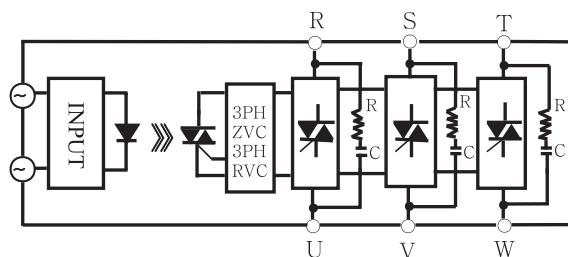
ITEM		MODEL	WYL3H3C10/15/20/25/30/40Z4 WYL3H3C50/60/80Z4				WYL3H3C10/15/20/25/30/40Z40 WYL3H3C50/60/80Z40				
			WYL3H3C10/15/20/25/30/40R4 WYL3H3C50/60/80R4				WYL3H3C10/15/20/25/30/40R40 WYL3H3C50/60/80R40				
O U T P U T	Rated voltage	440VAC									
	Voltage range	90 ~ 480VAC									
	Non repetitive peak voltage	1200VAC									
	Rated load current	10A	15A	20A	25A	30A	40A	50A	60A	80A	
	Frequency	50 / 60Hz									
	Peak surge current	125A	160A	300A	300A	315A	315A	350A	400A	450A	
	leakage current	10mA									
	Contact voltage drop	1.5V	1.7V	1.8V	1.8V	1.8V	1.8V	2.0V	2.5V	3.0V	
	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±3(mA)					
	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	0.4kg									

● Terminal



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

● Block Diagram



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

● Application Circuit

