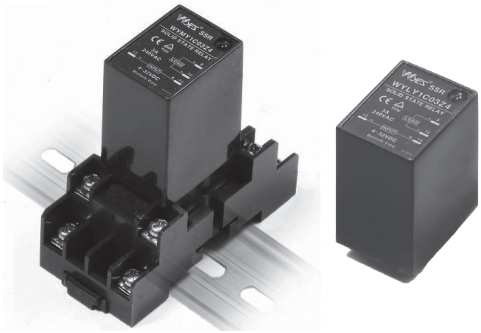
1Ø WYLY AC220V 3A (DC/AC, AC/AC Type)

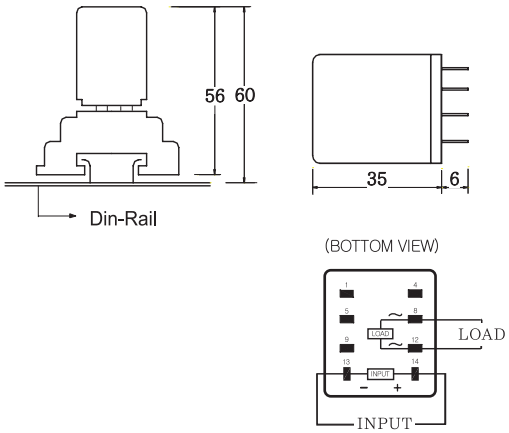


Socket & DIN Rail Type

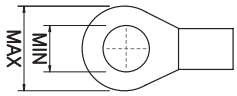
- 범용 LY-Type 릴레이 제품의 소켓을 이용하여 사용할 수 있는 제품으로 Single Output(1회로)으로 구성되어있으며 통전 상태를 알수 있는 표시 램프(LED)가 부착되어 있고 DIN Rail을 사용하여 모듈화 하여 사용 하기 적합한 소형 SSR 입니다.
- AC 90~220V를 직접 제어 입력으로 사용하는 Z40 Type은 당사만의 특허 회로인 "무발열 제어회로 " 가 사용되어 손실이 전혀 없는 고효율 System 구성이 가능합니다.
- TUV 규격 인증품 : EN60947, EN55011, EN61000

This small SSR can be operated using sockets of ordinary LY-Type relays. It is composed of a single output (1 circuit) equipped with an LED lamp which the state of power output can be indicated, and is suitable for modularization through the use DIN Rail.
The Z40 and R40 types which directly use AC90~220V as control input use “No-heat emission control circuit”, the circuit patented only by woonyoung co., ltd., allowing configuration of zero loss and high-efficiency system.

Dimension



Terminal

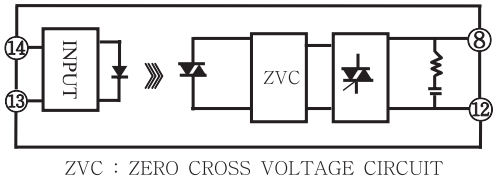


Input Ter : Max 6.2, Min 3.5
Output Ter : Max 6.2, Min 3.5

Specifications

ITEM	MODEL	WYLY1C03Z4	WYLY1C03Z40
OUTPUT	Rated voltage	220VAC	
	Voltage range	90 ~ 240VAC	
	Non repetitive peak voltage	600VAC	
	Rated load current	3.0A (rms 1.5A)	
	Frequency	50 / 60Hz	
	Peak surge current	50A	
	leakage current	Less than 1mA	
	Contact voltage drop	1.5V(MAX)	
	Minimum operating current	0.1A	
INPUT	Maximum input voltage	32VDC	240VAC
	Input voltage range	4 ~ 32VDC	90 ~ 240VAC
	Input current	10±3(mA)	240VAC±8mA
	Minimum operating voltage	3.0VDC	45VAC
	Turn off voltage	1.4VDC	20VAC
GENERAL	Dielectric withstand	1500VAC / 1Min	
	Insulation resistance	DC 500V / 100MΩ	
	Response time	Z4 : 8.3±1ms	Z40 : 30±1ms
	Circuit control	Z40, Z4 : Zero cross type	
	Operating temperature	−10 ~ +60°C	
	Storage temperature	−20 ~ +80°C	
	Weight	40g	

Block Diagram



ZVC : ZERO CROSS VOLTAGE CIRCUIT

Application Circuit