

# SOLID STATE RELAY(SSR)

1Ø WYLG/H AC220/440V 10A~40A (DC/AC Type)



Metal  
Bonding  
Process

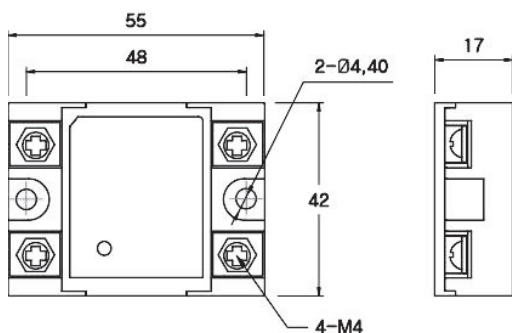


## ● 경제형(Economy Type)

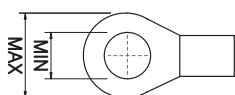
본 제품 시리즈는 AC90~480V, 10~40A의 용량을 가지고 있으며 입력측에 LED 표시 장치가 있습니다.

This products series rating of AC90~480V 10~40A, and are SSR feature an LED lamp according to input control circuit.

## ● Dimension



## ● Terminal

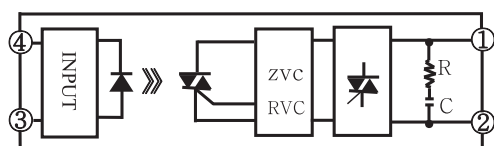


Input Ter : Max 9.5, Min 4  
Output Ter : Max 9.5, Min 4

## ● Specifications

| MODEL |                                 | WYLG1C10 / 15 / 25 / 40Z4   | WYLH1C10 / 15 / 25 / 40Z4               |
|-------|---------------------------------|-----------------------------|-----------------------------------------|
| ITEM  | O<br>U<br>T<br>P<br>U<br>T      | Rated voltage               | 220VAC                                  |
|       |                                 | Voltage range               | 90 ~ 240VAC                             |
|       |                                 | Non repetitive peak voltage | 600V                                    |
|       |                                 | Rated load current          | 10A 15A 25A 40A                         |
|       |                                 | Frequency                   | 50 / 60Hz                               |
|       |                                 | Peak surge current          | 125A 260A 300A 315A 170A 250A 350A 370A |
|       |                                 | leakage current             | 10mA                                    |
|       |                                 | Contact voltage drop        | 1.0V                                    |
|       |                                 | Minimum operating current   | 1.0A                                    |
|       |                                 | Maximum input voltage       | 32VDC                                   |
| ITEM  | I<br>N<br>P<br>U<br>T           | Input voltage range         | 4 ~ 32VDC                               |
|       |                                 | Input current               | 10 ± 3(mA)                              |
|       |                                 | Minimum operating voltage   | 3.7VDC                                  |
|       |                                 | Turn off voltage            | 2.1VDC                                  |
|       |                                 | Dielectric withstand        | 2000VAC / rms / 1Min                    |
| ITEM  | G<br>E<br>N<br>E<br>R<br>A<br>L | Insulation resistance       | DC 500V / 100MΩ                         |
|       |                                 | Response time               | Z4 : 8.3 ± 1ms                          |
|       |                                 | Circuit control             | Z4 : Zero cross type                    |
|       |                                 | Operating temperature       | -10 ~ +60°C                             |
|       |                                 | Storage temperature         | -20 ~ +80°C                             |
|       |                                 | Weight                      | 0.1kg                                   |

## ● Block Diagram



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

## ● Application Circuit

