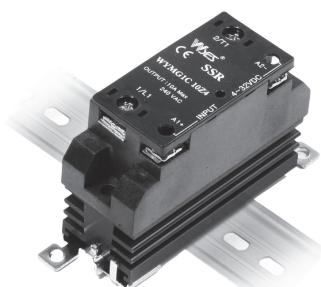


SOLID STATE RELAY(SSR)

1Ø WYMG AC220V 10A~40A (DC/AC Type)

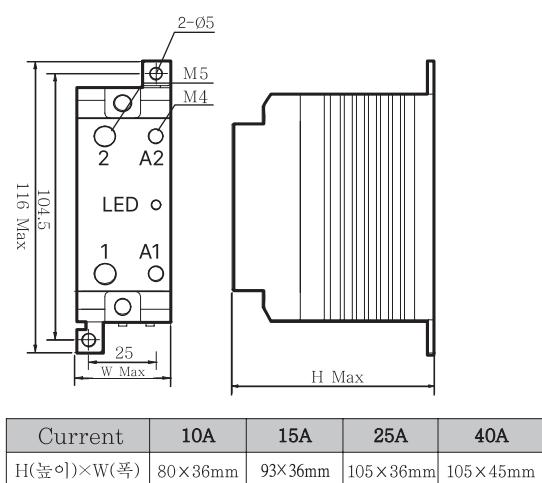


● DIN 방열판일체형(SSR/Heat Sink Type)

방열판을 붙여 일체화 시킨 제품으로 AC90~240V, 10~40A의 전류 용량을 가진 제품으로 별도의 방열판을 부착하지 않고 공간의 활용도가 타 제품보다 탁월하여 취부공간의 면적을 최소화 할 수 있으며 DIN RAIL에도 장착 사용할 수 있어 편리하게 사용할 수 있도록 일체화시킨 일체형 SSR입니다.

This product with self heat sink is a product carrying voltage of AC90~240V, and the current capacity of 10~40A. This integrated SSR features space utilization level which is superior to that of other products without using a separate heat sink, minimizing the area of the installing space. It can be used in a convenient way since it can also be mounted on DIN rail.

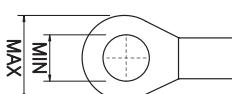
● Dimension



● Specifications

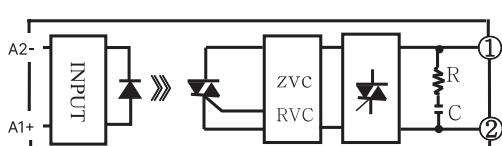
| ITEM | MODEL | | | | |
|---------------------------------|--|--|------|------|------|
| | WYMG1C10 / 15 / 25 / 40Z4 WYMG1C10 / 15 / 25 / 40R4 | | | | |
| O U T P U T | Rated voltage | 220VAC | | | |
| | Voltage range | 90 ~ 240VAC | | | |
| | Non repetitive peak voltage | 600VAC | | | |
| | Rated load current | 10A | 15A | 25A | 40A |
| | Frequency | 50/60Hz | | | |
| | Peak surge current | 170A | 250A | 350A | 370A |
| | leakage current | 10mA | | | |
| | Contact voltage drop | 1.95V | 1.8V | 1.8V | 1.8V |
| | Minimum operating current | 1.0A | | | |
| I N P U T | Maximum input voltage | 32VDC | | | |
| | Input voltage range | 4 ~ 32VDC | | | |
| | Input current | 10±3(mA) | | | |
| | Minimum operating voltage | 3.0VDC | | | |
| | Turn off voltage | 1.4VDC | | | |
| | Dielectric withstand | 2000VAC / rms / 1Min | | | |
| G E N E R A L | Insulation resistance | DC 500V / 100MΩ | | | |
| | Response time | R4 : 1±1ms Z4 : 8.3±1ms | | | |
| | Circuit control | Z4 : Zero cross type R4 : Random cross type | | | |
| | Operating temperature | -10 ~ +60°C | | | |
| | Storage temperature | -20 ~ +80°C | | | |
| | Weight | 0.4kg | | | |

● Terminal



Input Ter : Max 10, Min 4
Output Ter : Max 10, Min 4

● Block Diagram



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

● Application Circuit

