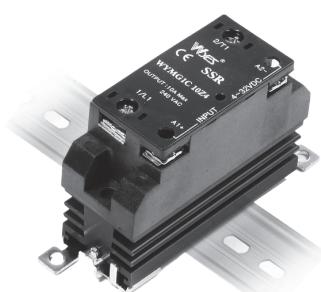


# SOLID STATE RELAY(SSR)

1Ø WYMH AC440V 10A~40A (DC/AC Type)

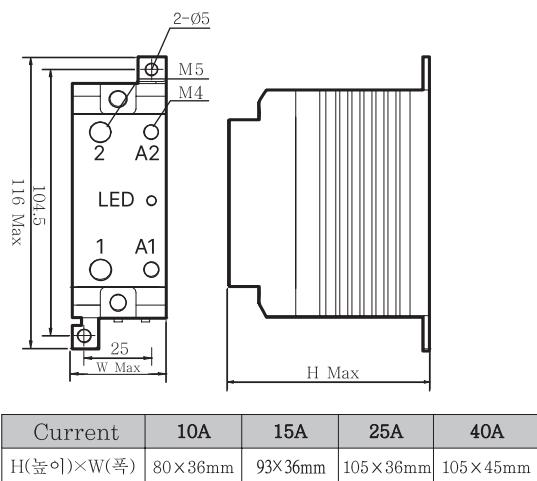


## ● DIN 방열판일체형(SSR/Heat Sink Type)

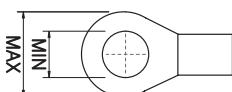
방열판을 붙여 일체화 시킨 제품으로 90~480V, 10~40A의 전류 용량을 가진 제품으로 별도의 방열판을 부착하지 않고 공간의 활용도가 타 제품보다 탁월하여 취부공간의 면적을 최소화 할 수 있으며 DIN RAIL에도 장착 사용할 수 있어 편리하게 사용할 수 있도록 일체화 시킨 일체형 SSR입니다.

This product with self heat sink is a product carrying voltage of 90~480V 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



## ● Terminal

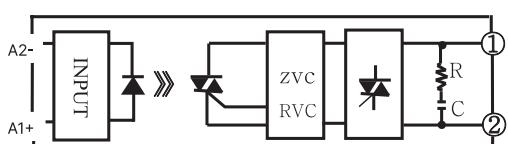


Input Ter : Max 10, Min 4  
Output Ter : Max 10, Min 4

## ● Specifications

| ITEM | MODEL                       |  |      |      |
|------|-----------------------------|--|------|------|
|      | WYMH1C10 / 15 / 25 / 40Z4   |  |      |      |
|      | WYMH1C10 / 15 / 25 / 40R4   |  |      |      |
| O    | Rated voltage               | 440VAC   |      |      |
| U    | Voltage range               | 90 ~ 480VAC                                    |      |      |
| P    | Non repetitive peak voltage | 800V / 1200V                                   |      |      |
| T    | Rated load current          | 10A  | 15A  | 25A  |
| I    | Frequency                   | 50 / 60Hz                                      |      |      |
| N    | Peak surge current          | 170A   | 250A | 350A |
| P    | leakage current             | 10mA   |      |      |
| U    | Contact voltage drop        | 1.95V  | 1.8V | 1.8V |
| T    | Minimum operating current   | 1.0A   |      |      |
| I    | Maximum input voltage       | 32VDC  |      |      |
| N    | Input voltage range         | 4 ~ 32VDC                                      |      |      |
| P    | Input current               | 10±3(mA)                                       |      |      |
| U    | Minimum operating voltage   | 3.0VDC   |      |      |
| T    | Turn off voltage            | 1.4VDC   |      |      |
| G    | Dielectric withstand        | 2000VAC / rms / 1Min                           |      |      |
| E    | Insulation resistance       | DC 500V / 100MΩ                                |      |      |
| R    | Response time               | R4 : 1±1ms<br>Z4 : 8.3±1ms                     |      |      |
| A    | Circuit control             | Z4 : Zero cross type<br>R4 : Random cross type |      |      |
| L    | Operating temperature       | -10 ~ +60°C                                    |      |      |
|      | Storage temperature         | -20 ~ +80°C                                    |      |      |
|      | Weight                      | 0.5kg  |      |      |

## ● Block Diagram



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

## ● Application Circuit

