

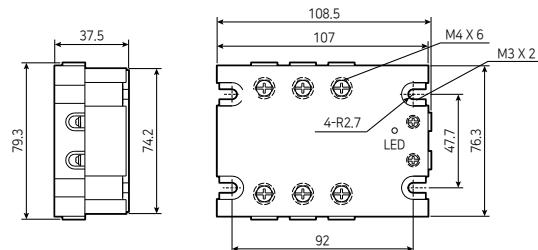






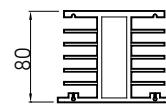
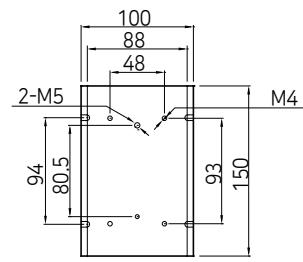
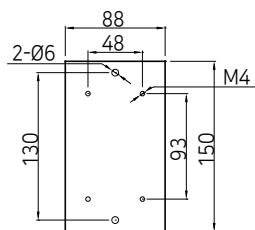
## Dimension

unit : mm



KHS-B025 (10A, 15A, 20A, 25A)

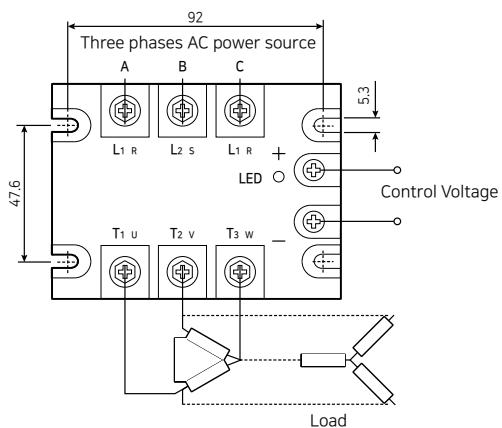
KHS-B040 (30A, 40A)



※ Please contact us when using FAN.

## Diagram

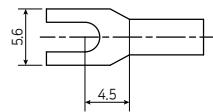
### Connecting Diagrams



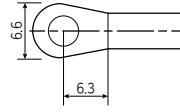
## Terminal

unit : mm

### Input



### Output

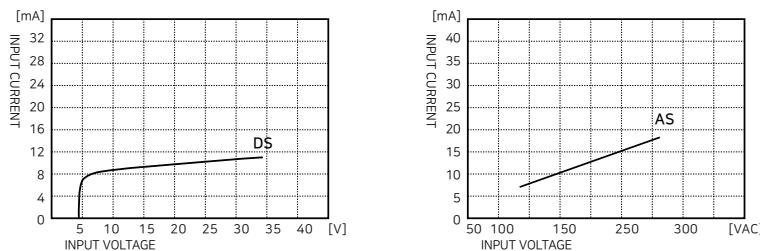


# Economical Three Phase SSR

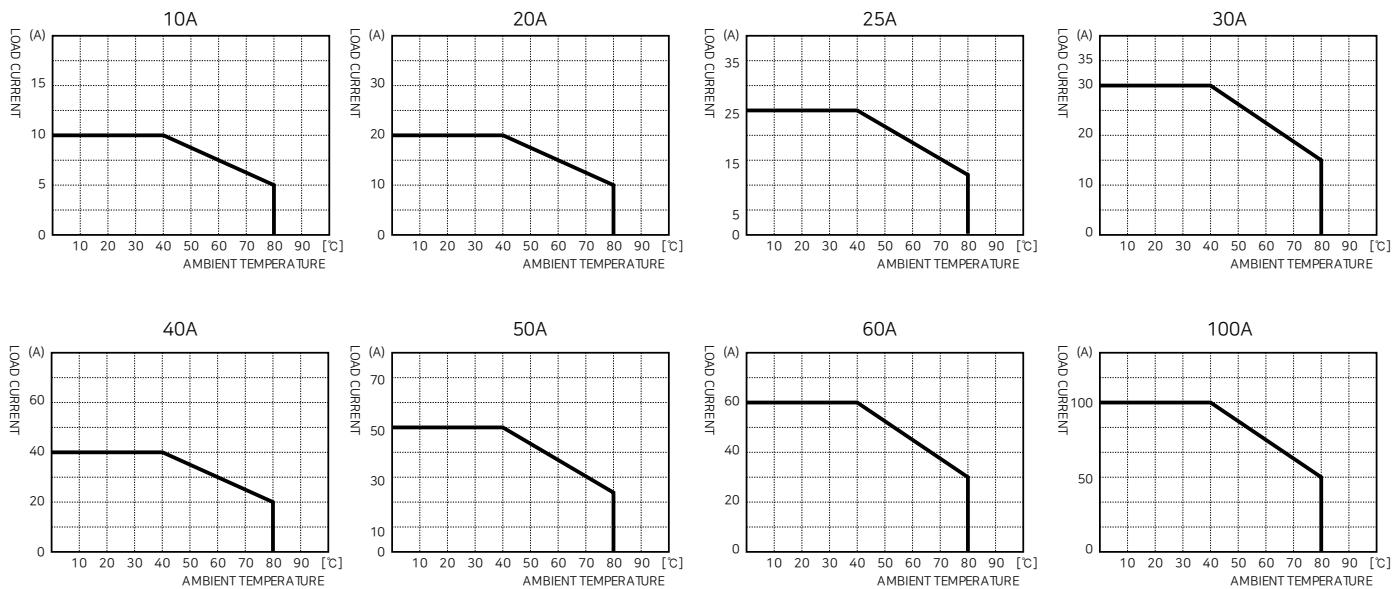
KMSR Series

## Technical Data

### Input Voltage Vs Current

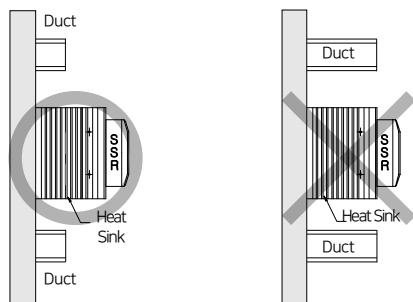
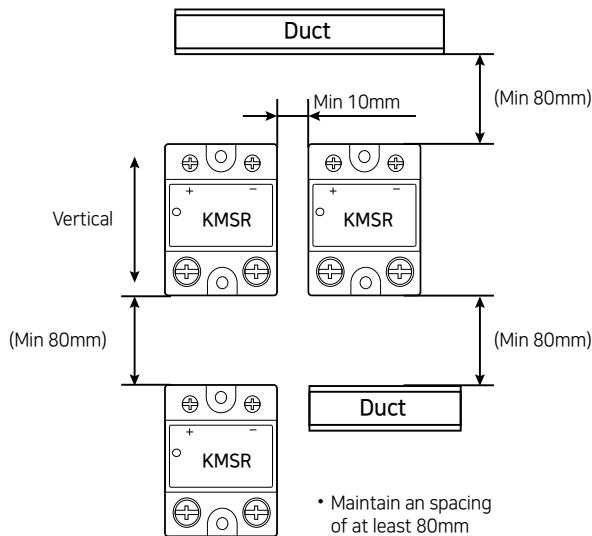


### Maximum Allowable Current vs Ambient Temperature



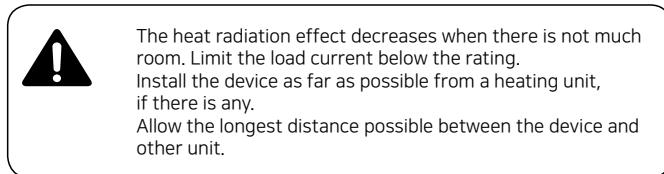
## Mounting

### Panel Mounting Method



Install ducts lower than Heatsink.

If the duct is same or higher than heatsink , SSR needs to have a support metal for AIR ventilation.



### Heatsink Installation caution

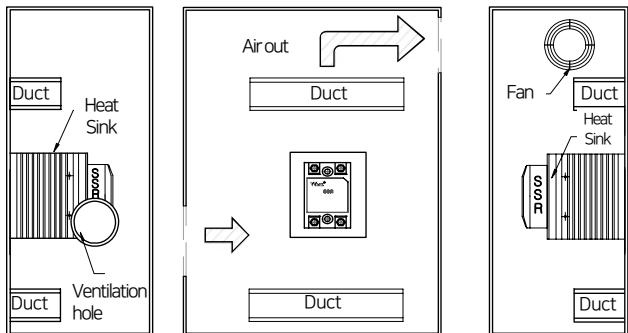
- If there is no ventilation even when standard heat sink are used, it may cause damage to SSR
- In general, power element of SSR is damaged when the maximum temperature of the 125 °C or higher. Since the power element temperature is close to 125 °C when the temperature of the surface of heat sink is 80 °C or higher, check the temperature of heat sink too during operation
- Remove the foreign material from the mounting surface of the heatsink, and apply silicon grease to the surface.
- The heat radiation effect greatly depends on the mounting condition and silicon grease application.
- Tighten the fixing bolts at the specified torque for fixing the device to the radiator

# Economical Three Phase SSR

KMSR Series

## Caution

< How to control the temperature of KMSR in a panel >



- If filters are installed in a ventilation hole , it needs to have a regular cleaning for proper ventilation.
- The rated current is the value calculated at SSR's ambient temperature of 40°C
- Direct the fan in the lower direction for vertical installation, and in the air inlet direction for horizontal direction.
- If the horizontally mounted device does not have an integrated fan, use it at 50% of the rated current or less.
- Pay attention to the increase in the ambient temperature from the heating of the device. Especially when mounting the device in the panel, be sure to install a fan for sufficient ventilation.
- Remove any obstacles for air flow around the air inlet and outlet.