

# 單相固態繼電器 Solid State Relay

## S SERIES



- The compact design of S series, large heat dissipating Area, sufficient capacity.
- Unique design that incorporates fixing by DIN35 guiderail, allowing easy installation, removal and moving.
- Dual SCR architecture, highly voltage and current withstanding, free from any interference to excel all average TRIACs.
- Includes protection and indication of over-temperature output stopping.
- Design of single specification providing wide range of application from 24 to 480VAC.



## Model number denotation

**SR48Z46**



| Model            | Item | SR48Z18     | SR48Z26      | SR48Z36      | SR48Z46       |
|------------------|------|-------------|--------------|--------------|---------------|
| Rated current    |      | 18A         | 26A          | 36A          | 46A           |
| Rated voltage    |      | 24~480VAC   | 24~480VAC    | 24~480VAC    | 24~480VAC     |
| Appropriate fuse |      | FWC-25A10F  | FWC-32A10F   | 45ET         | 63FE          |
| Outer dimensions |      | 90L*54W*98H | 130L*54W*98H | 90L*54W*148H | 130L*54W*148H |
| Product weight   |      | 0.45KG      | 0.6KG        | 0.65KG       | 0.9KG         |

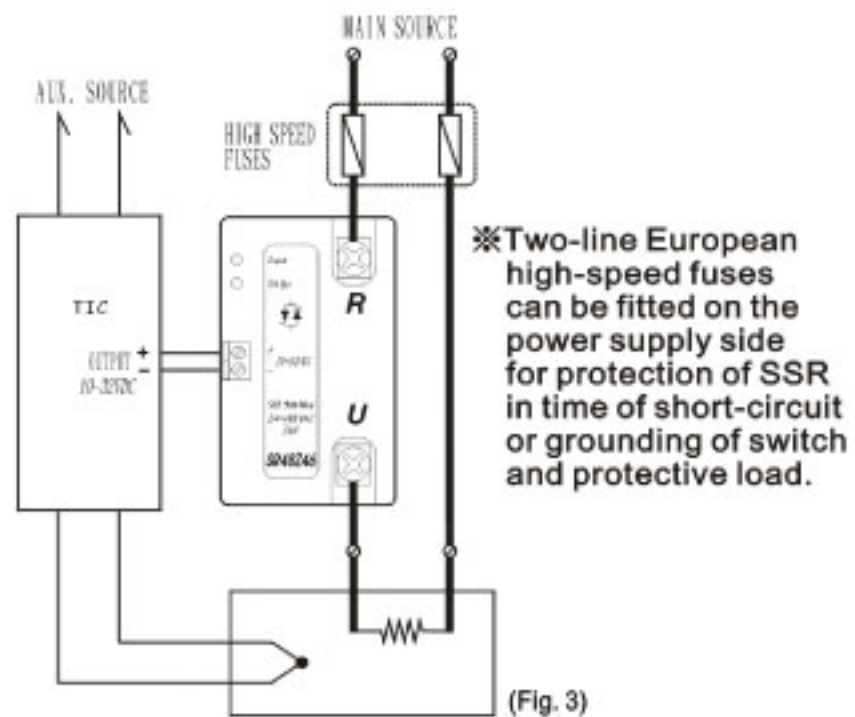
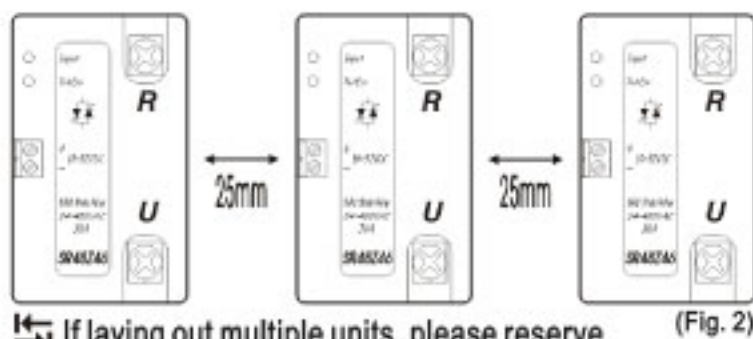
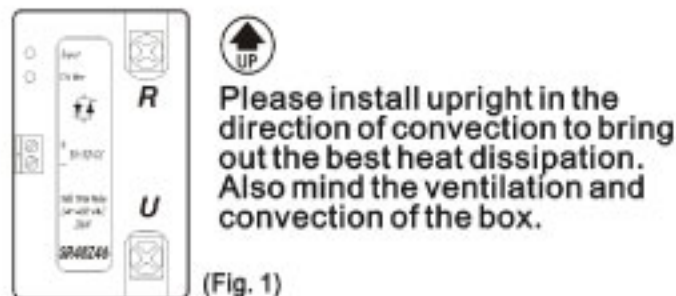
Unit : mm  
(Table 1)

## Description of indicator lamps

Input : The green lamp lights up when input signal is in. (Input signal 10~32VDC)

TH Err : The red over-temp indicator lamp lights up and SSR output ceases when the temperature on heat sink exceeds 90°C.  
At this time, please check the ventilation condition or over-high ambient temperature.  
(The SSR output resumes when the temperature comes down to below 80°C.)

## Standard installation



## Notices

- ❗ The units can be used with 100% full load with ambient temperature below 30°C ; otherwise, please use it under rated current condition. (Refer to Fig. 4)
- ❗ When purchasing, the power supply variation (+20%) and load error should be considered. Please do not use with overload.

