

# SSJ



## Features

- ☆ Screw mount SSR
- ☆ Dimensions: 60 x 41 x 30 mm or 2.4 x 1.6 x 1.2 inches
- ☆ Economical series
- ☆ CE, UL/c-UL, VDE approved

## Specifications

### Max. Load Current

15A AC, 25A AC, 45A AC

### Min. Load Current

100mA AC

### Peak 1 Cycle Surge Current

15A type : 150A (60Hz)  
 25A type : 225A (60Hz)  
 25A type : 440A (60Hz)

### Input Signal

DC voltage pulse input, LOW(OFF) : 0V, HIGH (ON) : 3.5 to 30V  
 • Built-in fixed current circuit : 10mA

### Response Time

0.5cycle + 1msec

### On State Voltage Drop

1.5V (RMS), 200V AC

### Load Voltage

35 to 264V AC (50/60Hz)

### Insulation Resistance

More than 100MΩ (500V DC)

### Dielectric Strength

3000V AC for one minute

### Net Weight

Approx. 60g

### Net Weight of Heatsink

RF-060 : Approx. 160g, RF-120 : Approx. 330g, RF-200 : Approx. 760g

### Off State Leakage Current

12mA, 200V AC

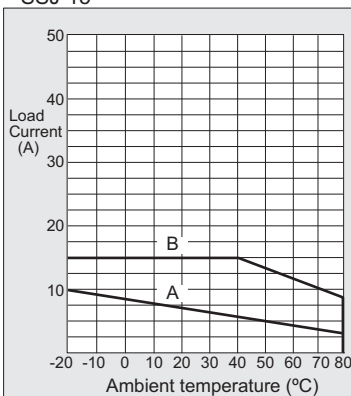
### Compliance with Standards

- CE Mark
- UL Recognized
- cUL Recognized
- VDE Recognized



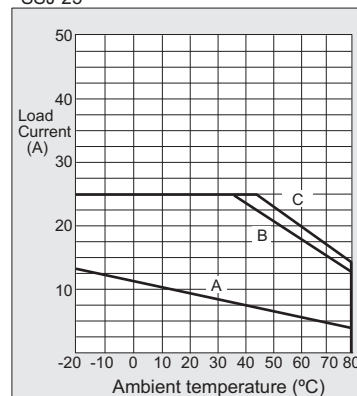
### Temperature characteristics of load current

#### • SSJ-15



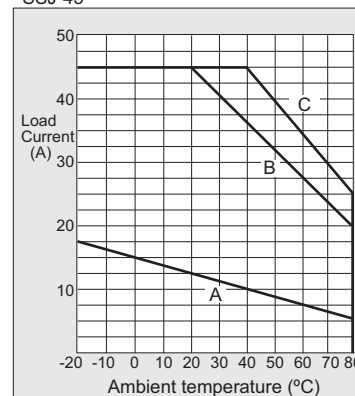
A. Without Heatsink  
 B. With Heatsink (RF-060)

#### • SSJ-25



A. Without Heatsink  
 B. With Heatsink (RF-120)  
 C. With Heatsink (RF-200)

#### • SSJ-45



A. Without Heatsink  
 B. With Heatsink (RF-120)  
 C. With Heatsink (RF-200)

## Model and Suffix Code

Specifications	Model and Suffix Code	
Model	SSJ	- □
Max. Load current	Max. 15A	15
	Max. 25A	25
	Max. 45A	45

Model code when main unit + heatsink are combined

SSJ-15 + RF-060	SSJ-15F1
SSJ-25 + RF-120	SSJ-25F2
SSJ-25 + RF-200	SSJ-25F3
SSJ-45 + RF-120	SSJ-45F2
SSJ-45 + RF-200	SSJ-45F3

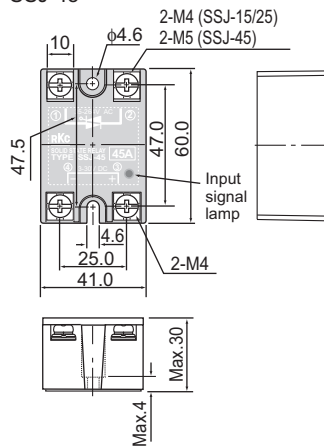
Heatsink Model Code

Heatsink for SSJ-15	RF-060
Heatsink for SSJ-25/SSJ-45	RF-120
Heatsink for SSJ-25/SSJ-45	RF-200

## External Dimensions and External Wiring

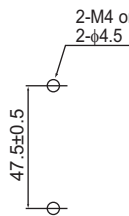
(Unit:mm)

SSJ-15  
SSJ-25  
SSJ-45

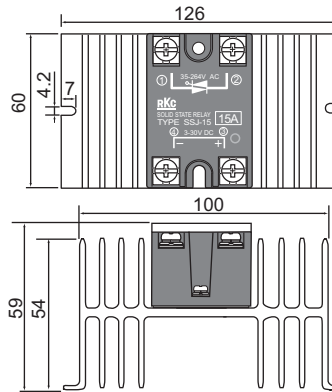


Screw mounting dimensions

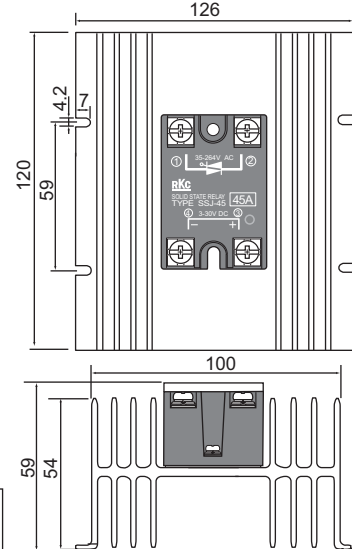
\* Without fin



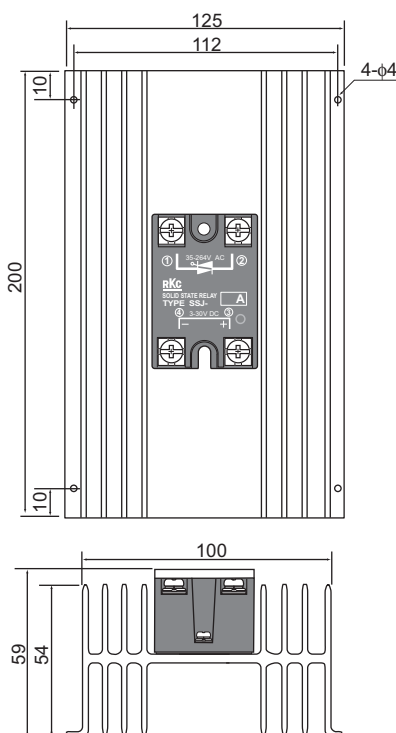
With heatsink RF-060



With heatsink RF-120

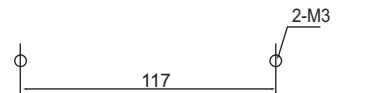


With heatsink RF-200

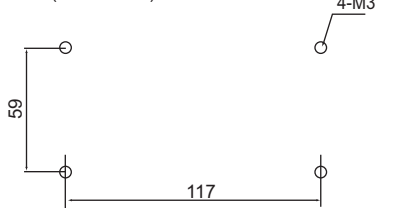


Heatsink mounting dimension

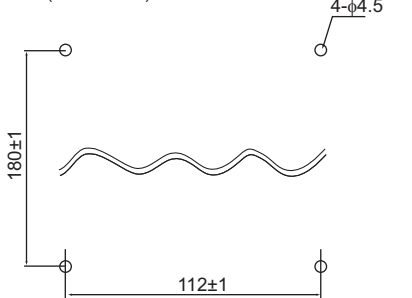
RF-060 (For 15A)



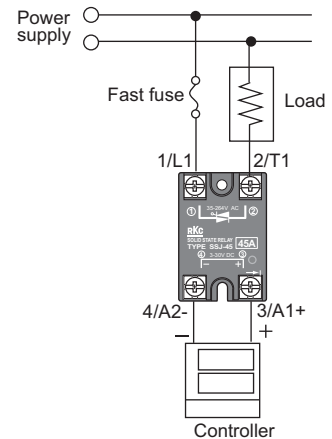
RF-120 (For 25/45A)



RF-200 (For 25/45A)



External Wiring



\* Conforming to EN55011 (noise terminal voltage) with a capacitor connected as shown below.

