



Features:

- Zero-crossing trigger that reduces noise during operation.
- DC input AC load
- With a built-in RC circuit to effectively absorb external surges.
- With operation indicator to monitor the operation status.
- Integrated heat dissipation design improves heat dissipation efficiency.
- Small size, resistant to shock and vibration, moisture-proof, explosion-proof and corrosion-proof.

Technical Specifications

Ordering Information

FL- **1** - **2** - **3**

1: Type of solid state relay

SSR Single phase slim type SSR with integrated heatsink

2: Load current

10A 10 amps
25A 25 amps
40A 40 amps
55A 60 amps

3: Load voltage

480V 24~680Vac 50/60HZ

eg: FL-SSR-40A-480V
 40A, version

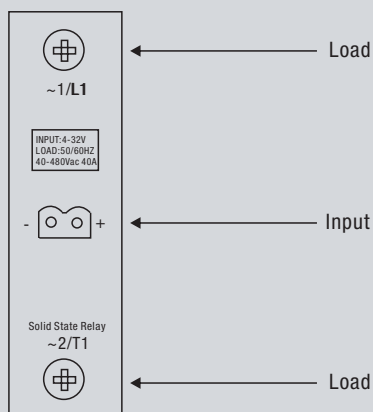
Guidelines on the selection and usage of a solid state relay

- 1) Current rating, as a general rule consider using the relay at no more than **50%** of its rated current for resistive load such as a heater, considering using the relay at no more than **15%** of its rated current for inductive load, such as a motor, in this application, the relay only can be used to control the start and stop of the motor, not reverse of the motor
- 2) Our relay can only be used for resistive load or inductive load, capacitive load is not suitable

Application

High-low temperature chamber, heaters, plastic machinery, incubation machine, Oiling machine, HVAC, Elevator control Lighting, Fountain controller

Terminal Description

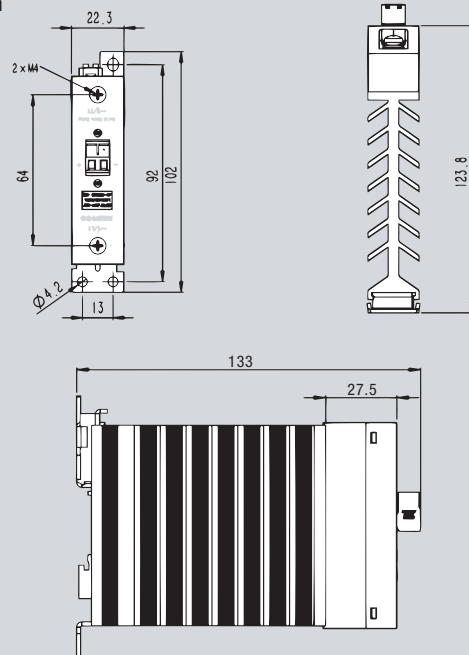


Electrical Technical Features(For DC to AC type)

Load Voltage	24~680Vac
Control Voltage	4-32Vdc
Load current options	15A, 25A, 40A, 55A
Input current	5mA-20mA
Off state current leakage	5mA
On state voltage drop	≤1.6V
Operating temperature	-30~75°C
Storage temp	-45~85°C
Maximum on time	10ms

Size and dimension

Unit:mm



Packing details

Unit weight: 0.22 kg/unit
 20 pcs per carton

Load vs Temperature Curves

