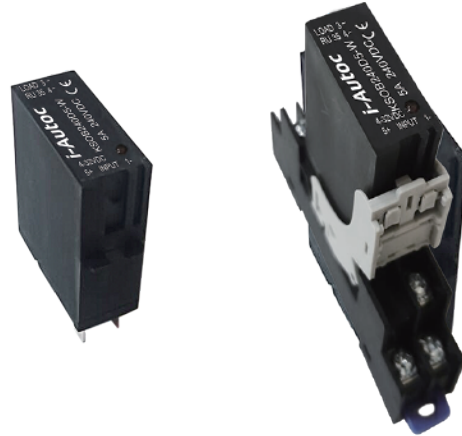
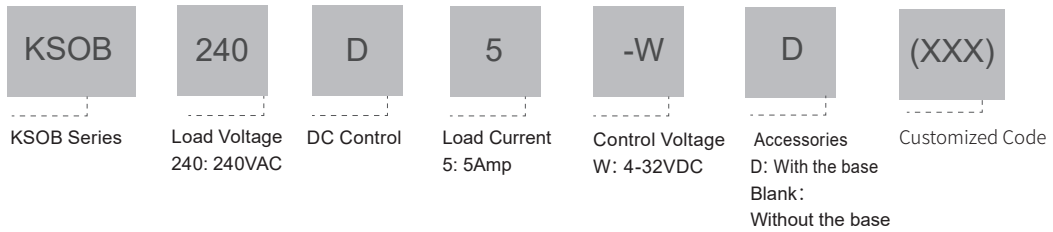


Product Description

- ◆ TRIAC Output
- ◆ Control Voltage: 4-32VDC
- ◆ Load Voltage: 240VAC
- ◆ Load Current: 5A
- ◆ Dielectric Strength: 2500Vrms
- ◆ RoHS Compliant
- ◆ Internal RC Protection Circuit
- ◆ Plug in installation
- ◆ Optional base mounting
- ◆ Photoelectric isolation
- ◆ Normally Closed Type



Ordering Information



General Specifications

| Input Specifications (Ta=25°C) |               |
|--------------------------------|---------------|
| Control Voltage Range          | 4-32VDC       |
| Must Turn-on Voltage           | 1.0VDC        |
| Must Turn-off Voltage          | 4VDC          |
| Maximum Input Current          | 25mA (@32VDC) |

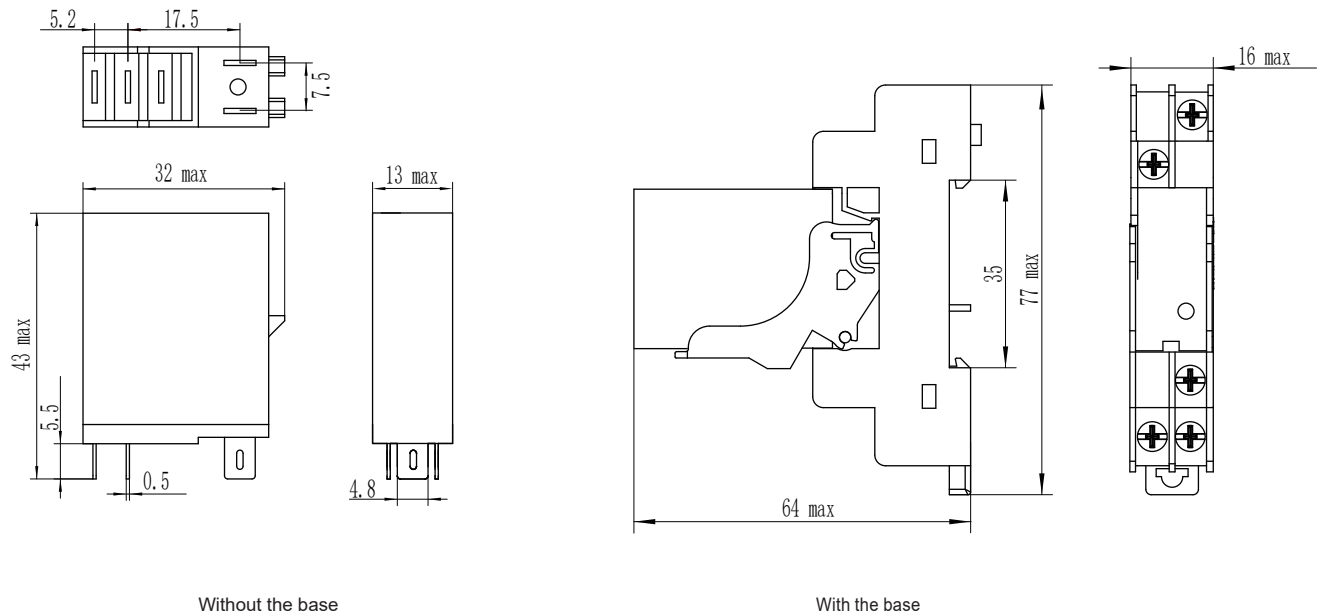
| Output Specifications (Ta=25°C)                      |               |               |
|--|---------------|---------------|
| Maximum Transient Overvoltage                        | 600Vpk        |               |
| Load Voltage Range                                   | 24-280VAC     |               |
| Load Current Range                                   | 0.1~5A        |               |
| Maximum Surge Current (@10 ms)                       | 250A          |               |
| Maximum Turn-on Time                                 | Random-on     | 1ms           |
|  | Zero Crossing | 1/2 cycle+1ms |
| Maximum Turn-off Time                                | 1/2 cycle+1ms |               |
| Maximum Off-State Leakage Current@Rated Load Voltage | 5mA           |               |
| Maximum On-State Voltage Drop@Rated Current          | 1.5Vrms       |               |
| Minimum Off-State dv/dt@Maximum Rated Voltage        | 200V/μs       |               |

| General Specifications (Ta=25°C)        |                  |                |
|---|------------------|----------------|
| Dielectric Strength (50/60Hz)           |                  | 2500Vrms       |
| Minimum Insulation Resistance (@500VDC) |                  | 1000MΩ         |
| Ambient Temperature Range               |                  | -30°C ~ +80°C  |
| Storage Temperature Range               |                  | -30°C ~ +100°C |
| Weight (Typical)                        | Without the base | 20g            |
|   | With the base    | 50g            |

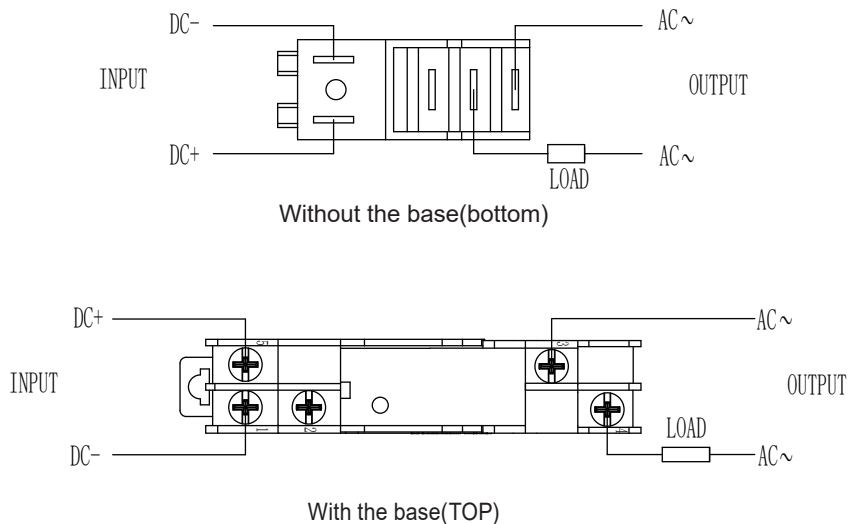
### Applications

Suitable for lighting control, motor control, vending machine control, medical device control, valve control etc, and etc.

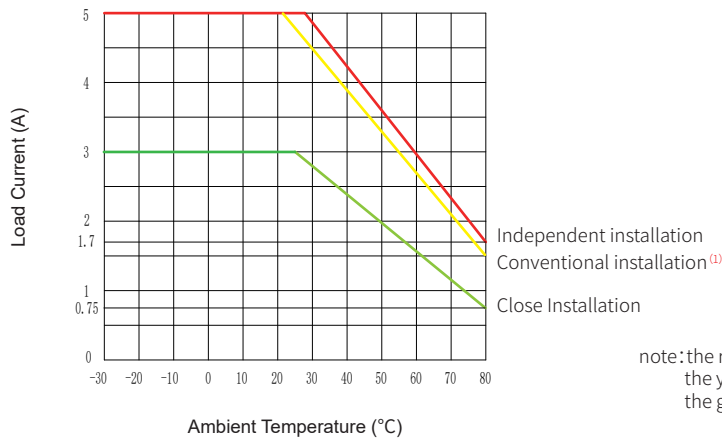
### Outline Dimensions



### Wiring Diagram

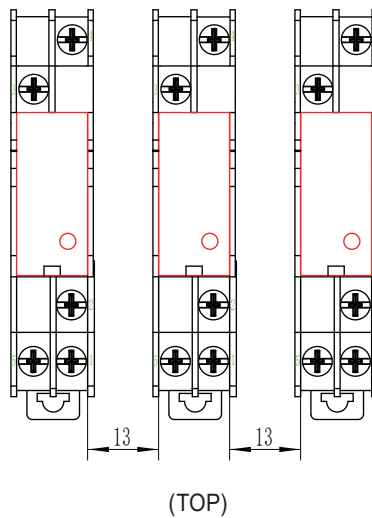


Thermal Derating Curve



note: the red curve: Independent installation;  
the yellow curve: Conventional installation;  
the green curve: Close Installation.

Note: (1) Conventional installation distance:



General Notes

1. Terminal polarity must be observed. Otherwise, it may cause damage to the relay.
2. When ambient temperature is above 25 C , the maximum load current decreases. See thermal derating curve.
3. When connection wiring to SSR, please ensure screws are torqued down properly. Recommended torque for screw is 8.8/1.0 in-lb/Nm.