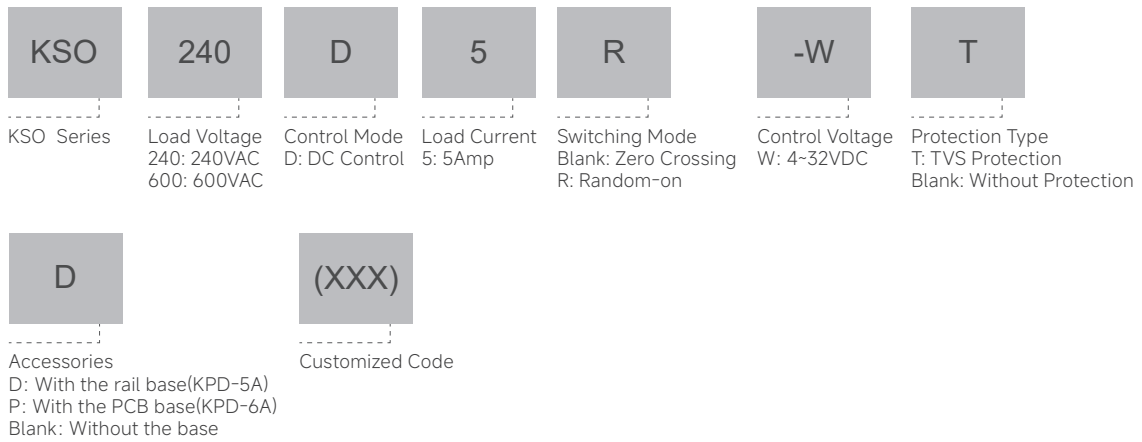


**Product Description**

- ◆ TRIAC Output
- ◆ Control Voltage: 4~32VDC
- ◆ Load Voltage: 240VAC, 600VAC
- ◆ Load Current: 5A
- ◆ Dielectric Strength: 4000Vrms
- ◆ RoHS Compliant
- ◆ Internal RC Protection Circuit
- ◆ Plug In Installation
- ◆ Optional Base Mounting
- ◆ Photoelectric Isolation



**Product Selection**



**Technical Specifications**

Input Specifications (Ta=25°C)	
Control Voltage Range	4~32VDC
Must Turn-on Voltage	4VDC
Must Turn-off Voltage	1VDC
Maximum Input Current	18mA (@32VDC)

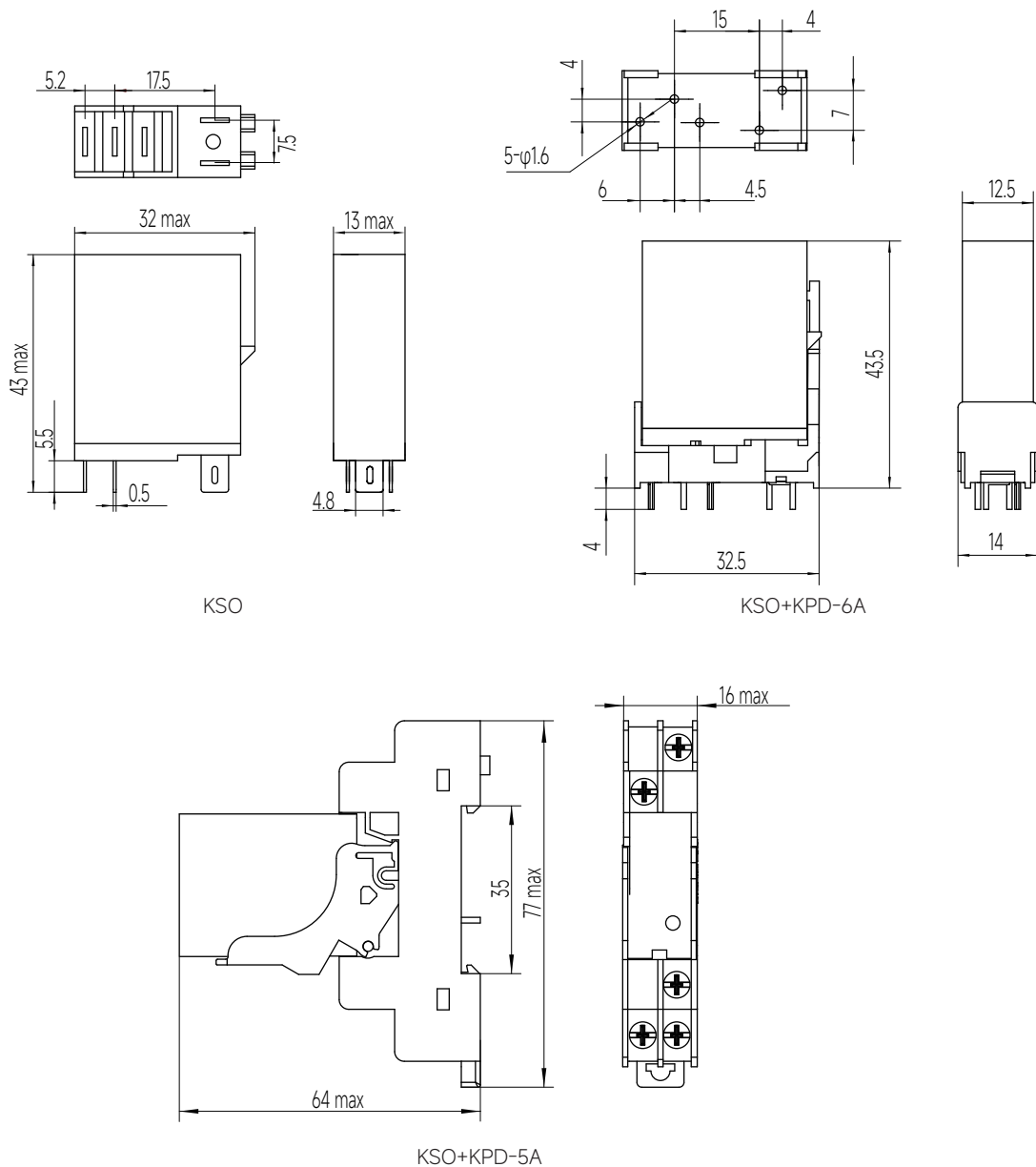
Output Specifications (Ta=25°C)		
Load Voltage Range	240V	24~280VAC
	600V	24~660VAC
Maximum Turn-on Time	Random-on	1ms
	Zero Crossing	1/2cycle+1ms
Maximum Turn-off Time		1/2cycle+1ms
Maximum Surge Current (@10ms)		250A
Load Current Range		0.1~5A
Transient Overvoltage	240V	600Vpk
	600V	1200Vpk
TVS Breakdown Voltage Range	240V	480V
	600V	1100V
Maximum Off-State Leakage Current (@Rated Voltage)		5mA
Maximum On-State Voltage Drop (@Rated Current)		1.5Vrms
Minimum Off-State (dv/dt)		500V/μs

General Specifications (Ta=25°C)		
Dielectric Strength (50/60Hz)		4000Vrms
Minimum Insulation Resistance (@500VDC)		1000MΩ
Ambient Temperature Range		-30°C~+80°C
Storage Temperature Range		-30°C~+100°C
Weight (Typical)	Without socket	20g
	With socket	50g

### Applications

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

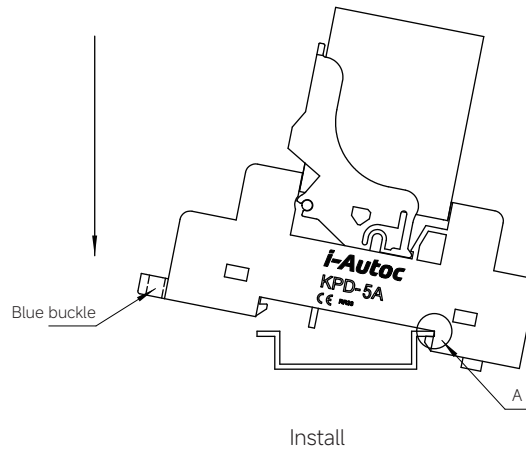
### Outline Dimensions



**Installation Diagram**

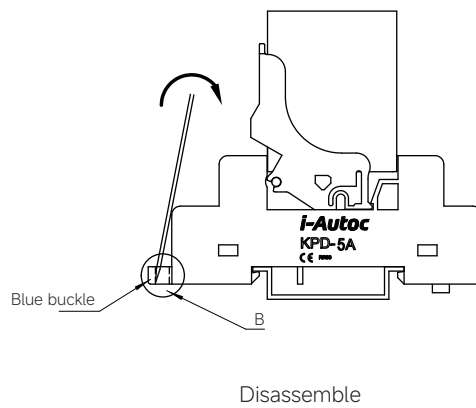
Socket installation:

Insert the socket into the din rail from position A and press it in the direction of the arrow for installation, as shown in the installation diagram.

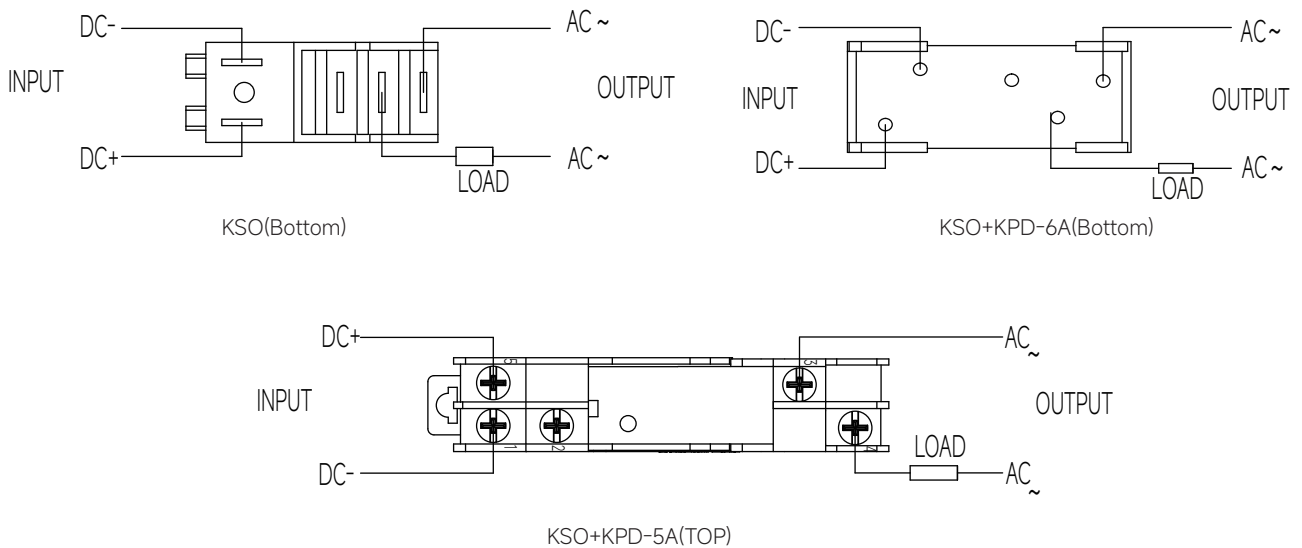


Socket disassembly:

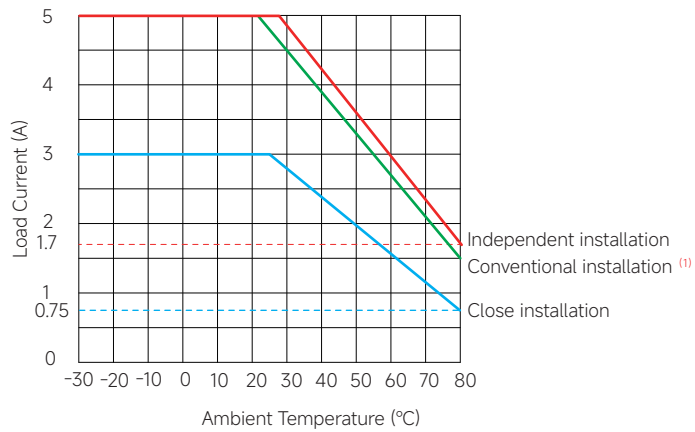
Insert a small flat-head or Phillips screwdriver into socket position B, turn it in the direction of the arrow, lift the socket up, and remove it, as shown in the disassembly diagram.



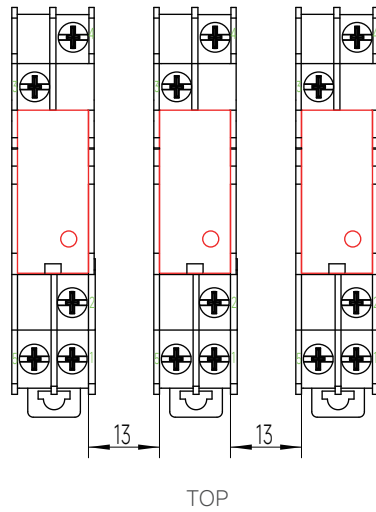
**Wiring Diagram**



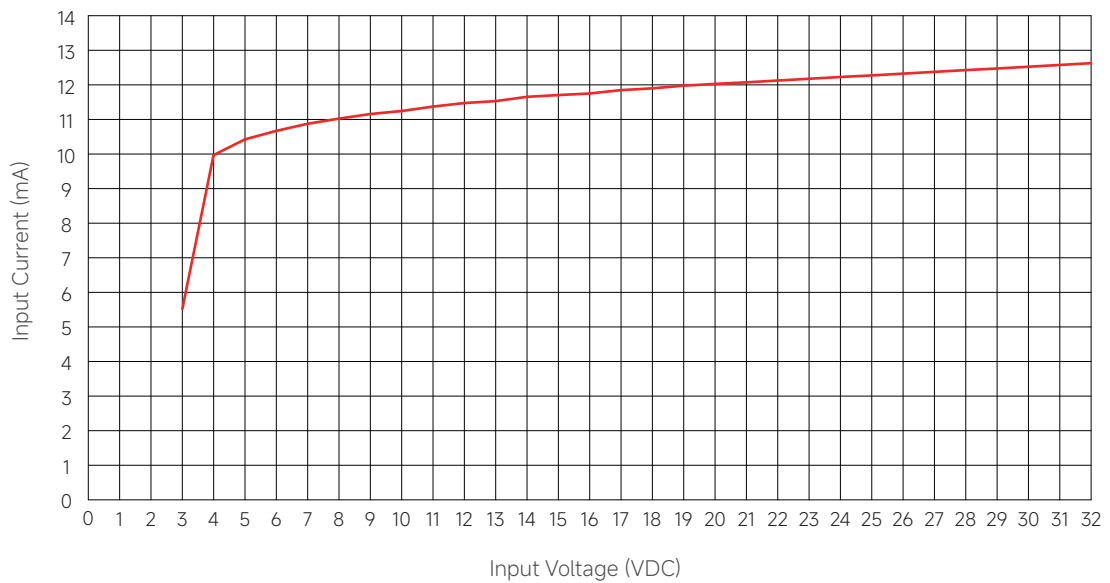
**Thermal Derating Curve**



Note: (1)Conventional installation distance:



**Input Characteristic Curve (@25°C)**



### General Notes

1. Soldering must be finished within 10 seconds at 260°C, or finished within 5 seconds at 350°C. Otherwise it may cause damage to the relay.
2. Terminal polarity must be observed. Otherwise it may cause damage to the relay.
3. When ambient temperature is above 25°C, the maximum load current decreases. See thermal derating curve.
4. For products with a socket, the recommended installation torque for base wiring is (0.8~1.2)Nm.

### ! Warnings

1. The product may be hot, allow the product to cool before touching.
2. Disconnect all power before installing or working with this equipment.
3. Verify all connections and replace all covers before turning on power.