

# Solid State Relay

## KSA Series Single Phase AC Output

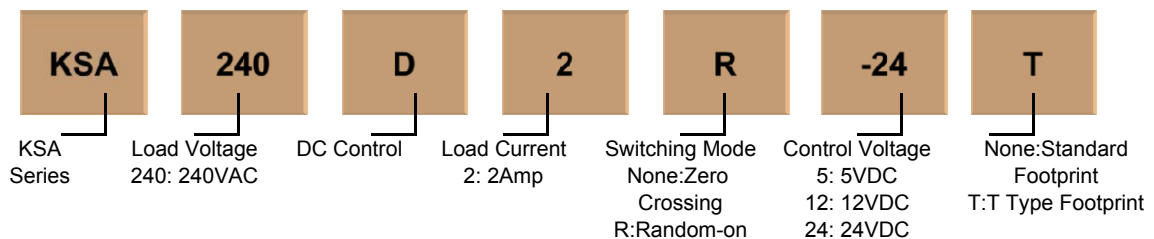


- TTL Compatible Drive
- Load Current: 0.1A-2A @ 24-280VAC
- Control Voltage: 5VDC, 12VDC, 24VDC
- Dielectric Strength: 2500VACrms
- PCB Mounted
- RoHS Compliant

### Product Description

The KSA series is printed board mounted AC output solid state relay. Small volume with high surge current ability. Suitable for control electromagnetic valve, electric machine, filament lamp etc. The control input voltage is 5VDC, 12VDC and 24VDC. Opto-isolation between input and output, output is AC output random-on and AC output zero crossing.

### Product Selection



Description	2A	
5VDC	KSA240D2-5	KSA240D2-5T
	KSA240D2R-5	KSA240D2R-5T
12VDC	KSA240D2-12	KSA240D2-12T
	KSA240D2R-12	KSA240D2R-12T
24VDC	KSA240D2-24	KSA240D2-24T
	KSA240D2R-24	KSA240D2R-24T

### Technical Specification

#### Input Circuit

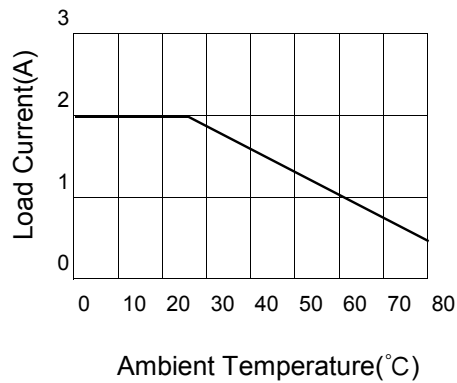
Control Voltage Range	5	4-6VDC
	12	9.6-14.4VDC
	24	19.2-28.8VDC
Minimum Turn-on Voltage	5	4VDC
	12	9.6VDC
	24	19.2VDC
Minimum Turn-off Voltage		1.0VDC
Maximum Input Current		20mA

#### Output Circuit

Load Voltage Range	24-280VAC
Transient Overvoltage	600Vpk



## Thermal Curve



## Important Notice

1. Soldering must be finished within 10 seconds at 250°C, and finished within 5 seconds at 350°C.
2. Terminal polarity to ensure proper control, or may damage the product.
3. When the ambient temperature is over 25°C, load current performance will decline.

## Product Certification

