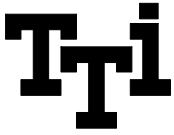


Solid State Relay



SDA

DC Control AC

MAIN FEATURES

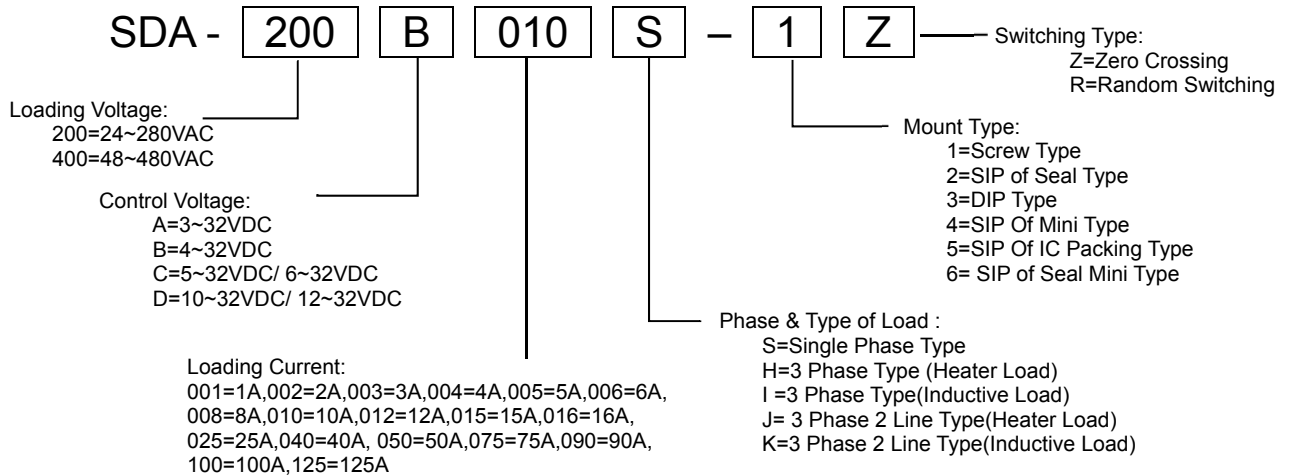
- DC Voltage Drive AC loading SSR
- High Stable Reliability
- Non Switching Sparks
- Non Noise
- Non Mechanical Contact
- Low control Power Consumption
- High Speed Reaction

APPLICATIONS

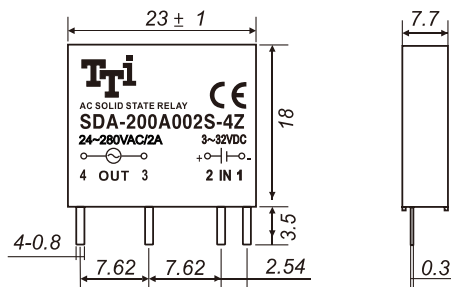
- Industrial Control Systems
- Lighting Systems
- Vending Machines
- Production Systems
- Temperature Control Systems
- Electronics Home Appliances
- Medical Equipment
- Conveying Systems



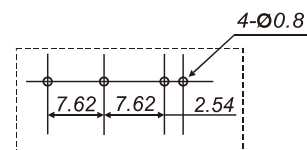
ORDERING INFORMATION



OUTLINE DIMENSION (unit:mm)



SIP of Mini Series

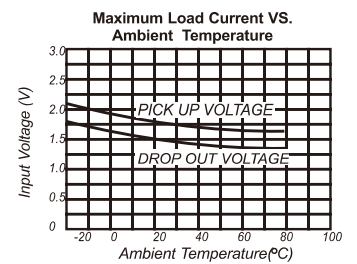
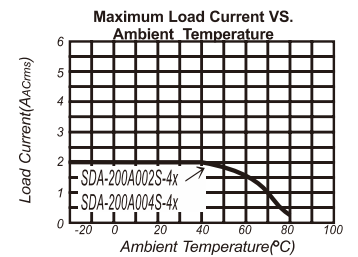
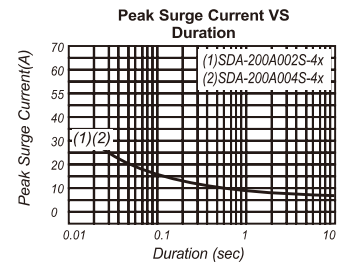
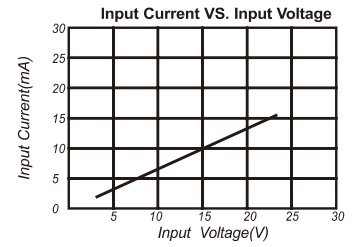


Solid State Relay

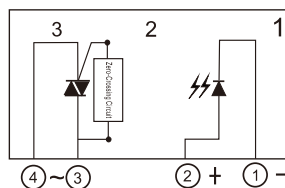
SPECIFICATIONS

MODEL NO.		SDA-200A002S-4R SDA-200A002S-4Z	SDA-400A002S-4R SDA-400A002S-4Z
MOUNT TYPE		SIP of Mini Type	
PHASE		Single Phase	
TYPE OF LOAD		Z= Heater load R= Inductive load	
INPUT	Control Voltage Range	3~32VDC	
	Must Turn Off Voltage	MAX. 10VDC	
	Input Impedance	1.5Ω	
OUTPUT	Max. Load Current	2A	
	Load Voltage Range	24~280VAC	24~480VAC
	Min. Blocking Voltage	600VAC peak	1200VAC peak
	Max. Off-State Leakage	Less 3mA	Less 5mA
	Max.1 cycle Peak Surge	20A	
	Max. Off State dv/dt	200V/μsec	1000V/μsec
GENERAL RATING	Isolate Impedance	1GΩ	
	Dielectric Strength	2500VAC	
	Input-Output	—	
	Input , Output-Case	—	
	Turn On Time	Less 2 ms	
	Turn Off Time	Less 0.5AC Cycle	
	Frequency Range	47~70Hz	
	Operating Temperature	-20~+80°C	
Switching Type	Zero Crossing Random Switching		
Weight (g)	6g		
Compliance	CE , RoHS		

CHARACTERISTIC CURVES



EQUIVALENT CIRCUIT



1. Input Circuit
2. Zero-Crossing Circuit
3. Output Circuit