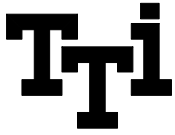


Solid State Relay



SAA

AC Control AC

MAIN FEATURES

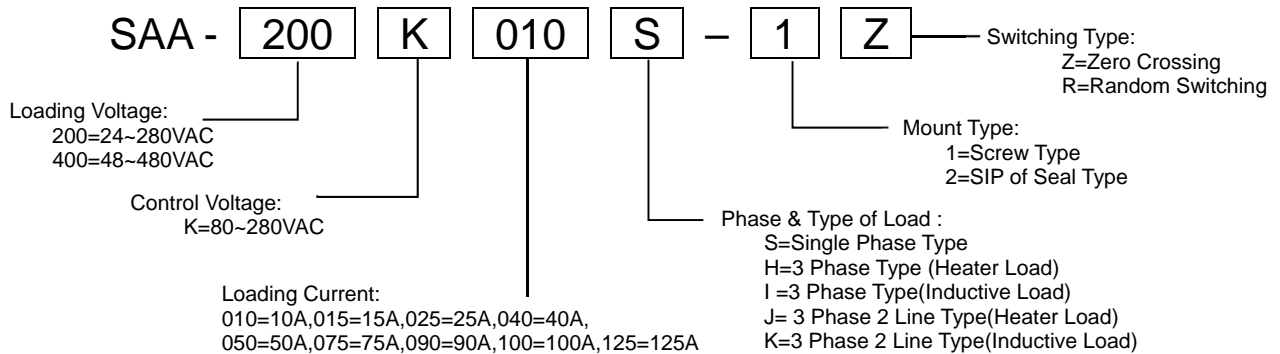
- AC Voltage Drive AC loading SSR
- High Stable Reliability
- Non Switching Sparks
- Non Noise
- Non Mechanical Contact
- Low control Power Consumption
- High Speed Reaction

APPLICATIONS

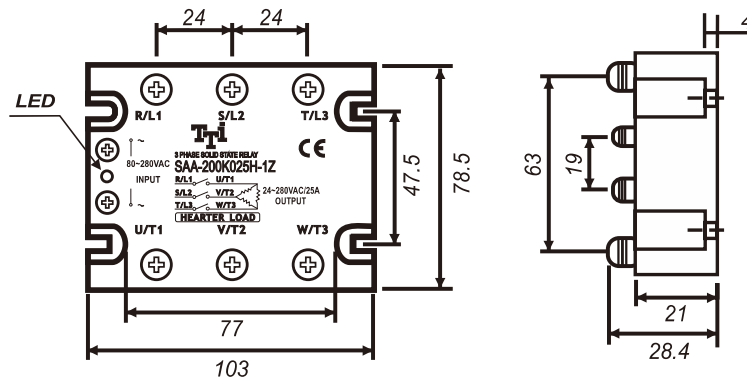
- Industrial Control Systems
- Lighting Systems
- Vending Machines
- Production Systems
- Temperature Control Systems
- Electronics Home Appliances
- Medical Equipment
- Conveying Systems



ORDERING INFORMATION



OUTLINE DIMENSION(unit:mm)



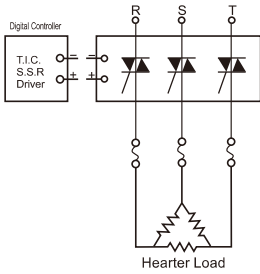
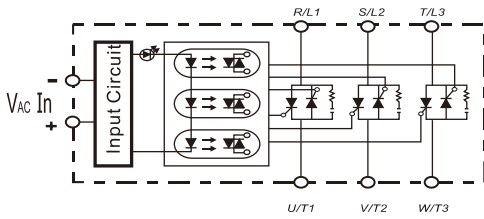
Solid State Relay

SPECIFICATIONS

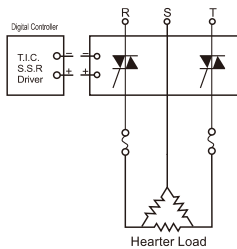
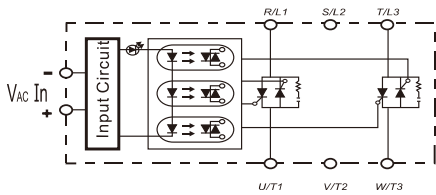
MODEL NO.	SAA-200K025H-1Z	SAA-200K025J-1Z	SAA-400K025H-1Z	SAA-400K025J-1Z
	SAA-200K040H-1Z	SAA-200K040J-1Z	SAA-400K040H-1Z	SAA-400K040J-1Z
	SAA-200K050H-1Z	SAA-200K050J-1Z	SAA-400K050H-1Z	SAA-400K050J-1Z
	SAA-200K075H-1Z	SAA-200K075J-1Z	SAA-400K075H-1Z	SAA-400K075J-1Z
	SAA-200K090H-1Z	SAA-200K090J-1Z	SAA-400K090H-1Z	SAA-400K090J-1Z
	SAA-200K100H-1Z	SAA-200K100J-1Z	SAA-400K100H-1Z	SAA-400K100J-1Z
	SAA-200K125H-1Z	SAA-200K125J-1Z	SAA-400K125H-1Z	SAA-400K125J-1Z
MOUNT TYPE	Screw Type		Screw Type	
PHASE	3 Phase	3 Phase 2Line	3 Phase	3 Phase 2Line
TYPE OF LOAD	Heater load			
INPUT	Control Voltage Range	80~280VAC		80~280VAC
	Must Turn Off Voltage	MAX. 10VAC		MAX. 10VAC
	Input Impedance	1.5 K Ω		1.5 K Ω
OUTPUT	Max. Load Current	25A,40A,50A,75A,90A,100A,125A		
	Load Voltage Range	24~280VAC		48~480VAC
	Min. Blocking Voltage	600VAC peak		1200VAC peak
	Max.Off-State Leakage	Less 10mA		
	Max.1 cycle Peak Surge	250A,400A,500A,750A,900A,1000A,1250A		
	Max. Off State dv/dt	500V/ μ sec		1000V/ μ sec
GENERAL RATING	Isolate Impedance	1G Ω		
	Dielectric Strength	4000VAC RMS		
	Input-Output	2500VAC RMS		
	Input , Output-Case			
	Turn On Time	Less 2 ms		
	Turn Off Time	Less 0.5AC Cycle		
	Frequency Range	47~70Hz		
	Operating Temperature	-20~+80 $^{\circ}$ C		
Switching Type	Zero Crossing			
Weight (g)	600g			
Compliance)	CE , RoHS			

EQUIVALENT CIRCUIT

3 Phase



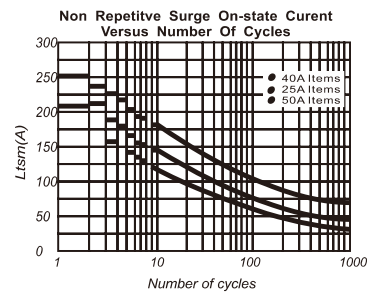
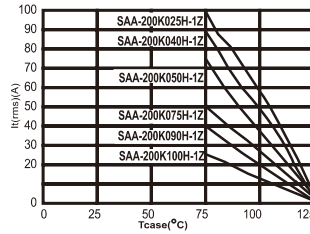
3 Phase 2Line



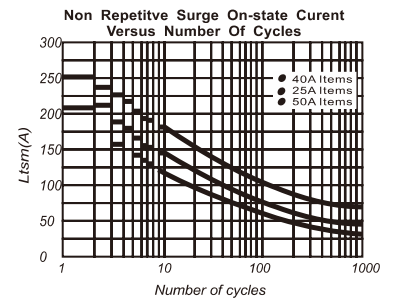
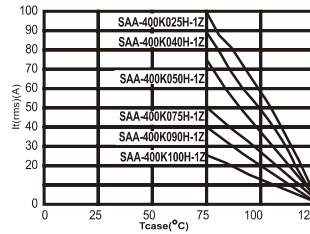
CHARACTERISTIC CURVES

3 Phase

RMS On-state Current Versus Case Temperature

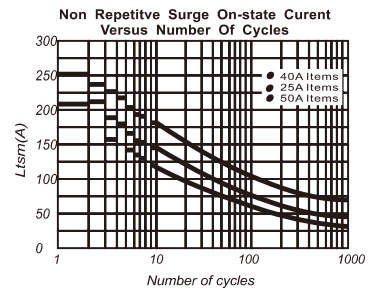
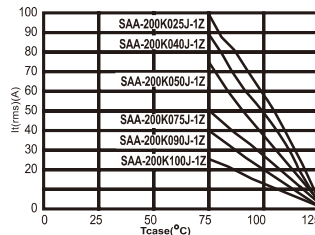


RMS On-state Current Versus Case Temperature



3 Phase 2Line

RMS On-state Current Versus Case Temperature



RMS On-state Current Versus Case Temperature

