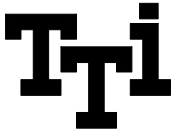


Solid State Relay



SAA

AC Control AC

MAIN FEATURES

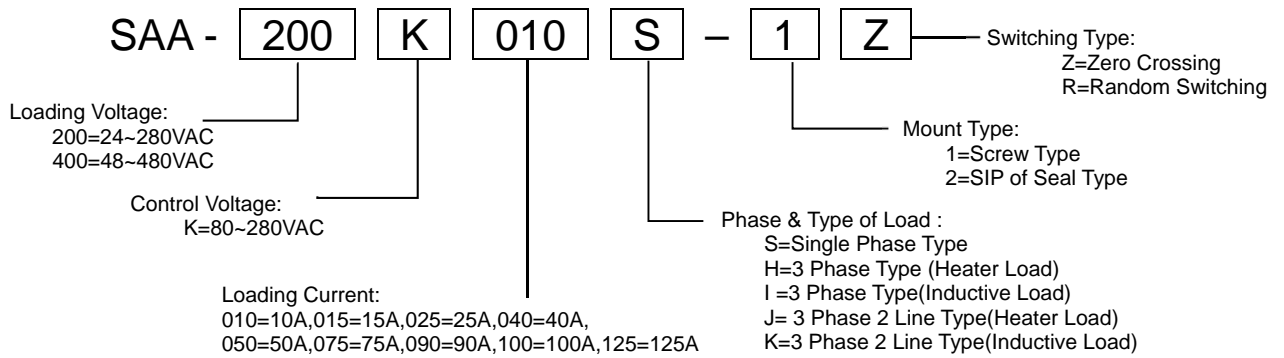
- AC Voltage Drive AC loading SSR
- High Stable Reliability
- Non Switching Sparks
- Non Noise
- Non Mechanical Contact
- Low control Power Consumption
- High Speed Reaction

APPLICATIONS

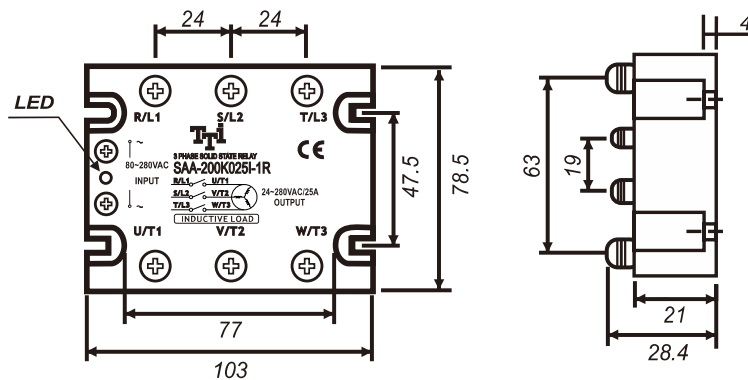
- Industrial Control Systems
- Lighting Systems
- Vending Machines
- Production Systems
- Temperature Control Systems
- Electronics Home Appliances
- Medical Equipment
- Conveying Systems



ORDERING INFORMATION



OUTLINE DIMENSION(unit:mm)



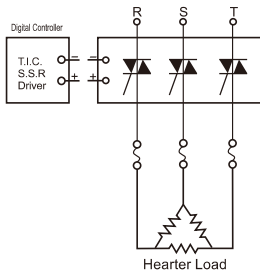
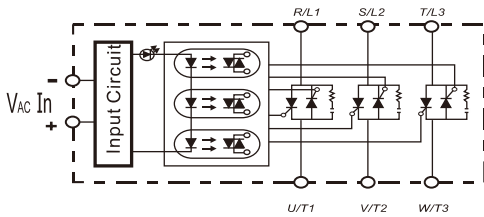
Solid State Relay

SPECIFICATIONS

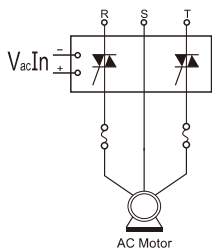
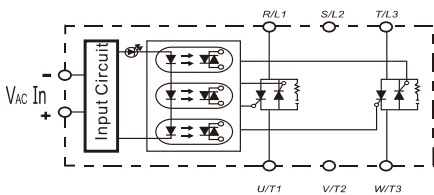
MODEL NO.	SAA-200K025I-1R	SAA-200K025K-1R	SAA-400K025I-1R	SAA-400K025K-1R
	SAA-200K040I-1R	SAA-200K040K-1R	SAA-400K040I-1R	SAA-400K040K-1R
	SAA-200K050I-1R	SAA-200K050K-1R	SAA-400K050I-1R	SAA-400K050K-1R
	SAA-200K075I-1R	SAA-200K075K-1R	SAA-400K075I-1R	SAA-400K075K-1R
	SAA-200K090I-1R	SAA-200K090K-1R	SAA-400K090I-1R	SAA-400K090K-1R
	SAA-200K100I-1R	SAA-200K100K-1R	SAA-400K100I-1R	SAA-400K100K-1R
	SAA-200K125I-1R	SAA-200K125K-1R	SAA-400K125I-1R	SAA-400K125K-1R
MOUNT TYPE	Screw Type		Screw Type	
PHASE	3 Phase	3 Phase 2Line	3 Phase	3 Phase 2Line
TYPE OF LOAD	Inductive load			
INPUT	Control Voltage Range	80~280VAC		
	Must Turn Off Voltage	MAX. 10VAC		
	Input Impedance	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 11mA		
	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	2500VAC RMS		
	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	Random Switching			
Weight (g)	600g			
Compliance)	CE , RoHS			

EQUIVALENT CIRCUIT

3 Phase



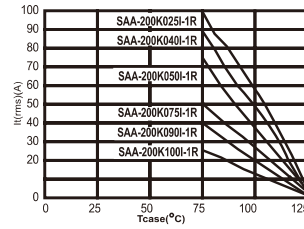
3 Phase 2Line



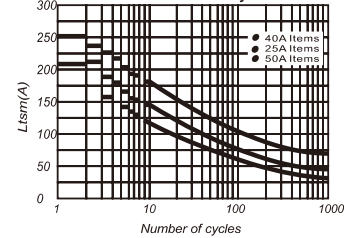
CHARACTERISTIC CURVES

3 Phase

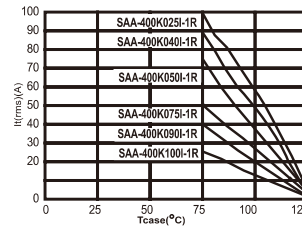
RMS On-state Current Versus Case Temperature



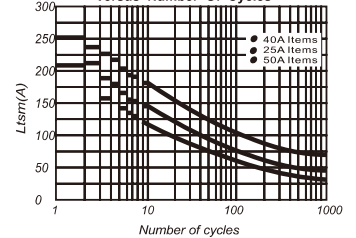
Non Repetitive Surge On-state Current Versus Number Of Cycles



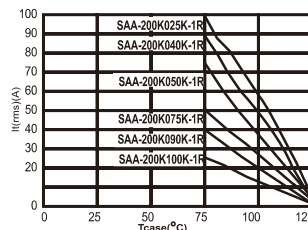
RMS On-state Current Versus Case Temperature



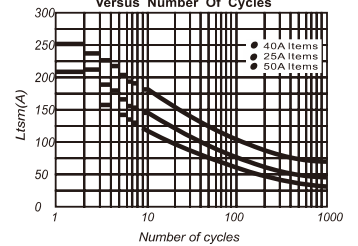
Non Repetitive Surge On-state Current Versus Number Of Cycles



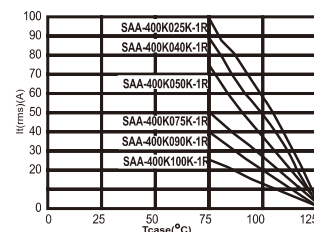
RMS On-state Current Versus Case Temperature



Non Repetitive Surge On-state Current Versus Number Of Cycles



RMS On-state Current Versus Case Temperature



Non Repetitive Surge On-state Current Versus Number Of Cycles

