

SDA

DC Control AC

MAIN FEATURES

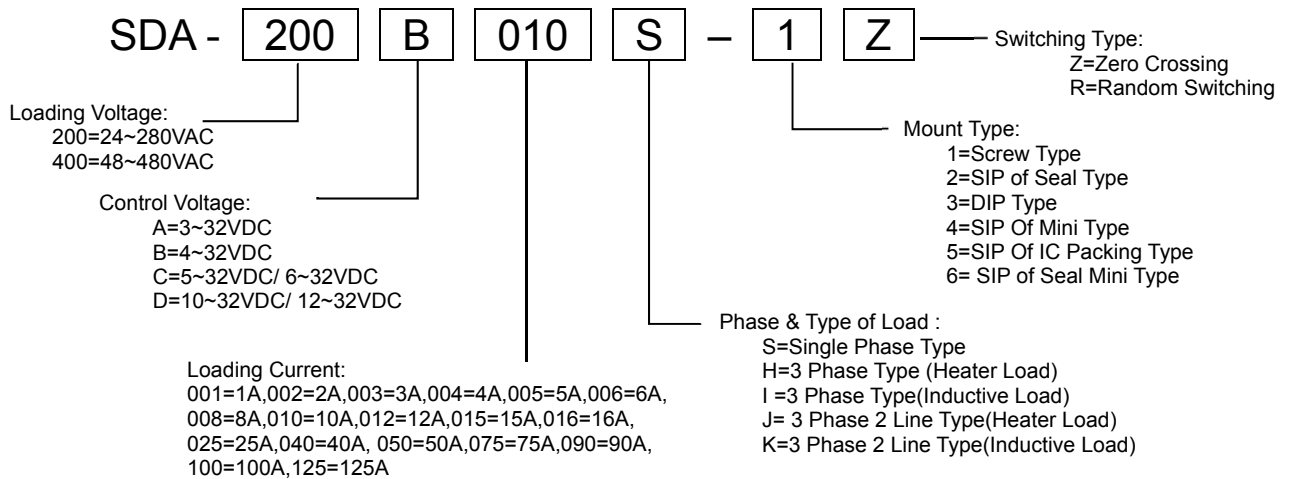
- DC Voltage Drive AC loading SSR
- High Stable Reliability
- Non Switching Sparks
- Non Noise
- Non Mechanical Contact
- Low control Power Consumption
- High Speed Reaction

APPLICATIONS

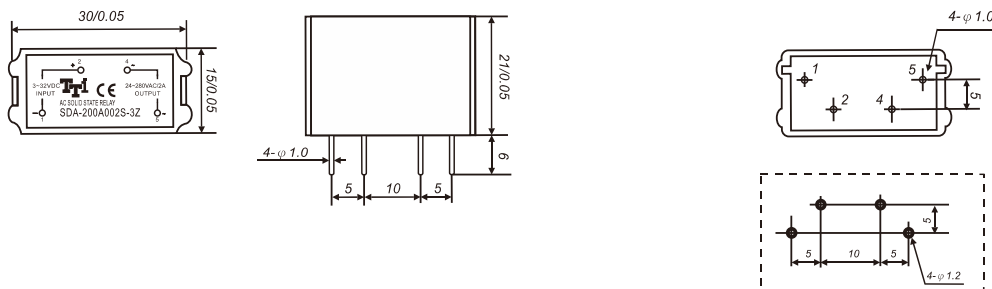
- Industrial Control Systems
- Lighting Systems
- Vending Machines
- Production Systems
- Temperature Control Systems
- Electronics Home Appliances
- Medical Equipment
- Conveying Systems



ORDERING INFORMATION



OUTLINE DIMENSION (unit:mm)

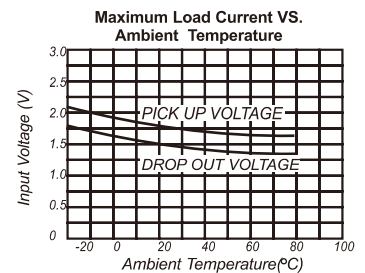
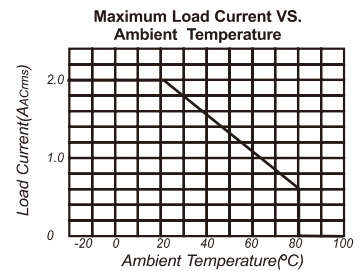
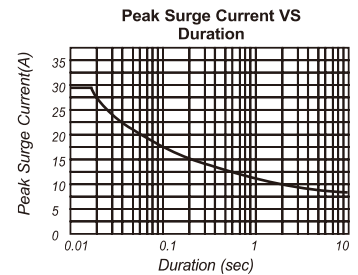
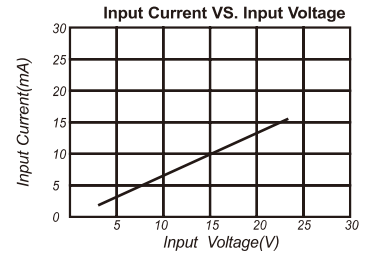


Solid State Relay

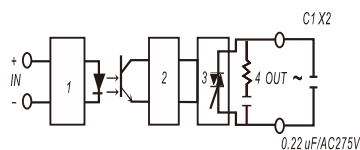
SPECIFICATIONS

MODEL NO.		SDA-200A002S-3R SDA-200A004S-3R SDA-200A002S-3Z SDA-200A004S-3Z
MOUNT TYPE		DIP 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	1.5 K Ω
OUTPUT	Max. Load Current	2A,4A
	Load Voltage Range	24~280VAC
	Min. Blocking Voltage	600VAC peak
	Max. Off-State Leakage	Less 3mA
	Max.1 cycle Peak Surge	20A,40A
	Max. Off State dv/dt	200V/ μ sec
GENERAL RATING	Isolate Impedance	1G Ω
	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 $^{\circ}$ C
Switching Type	Zero Crossing Random Switching	
Weight (g)		150g
Compliance		CE , RoHS

CHARACTERISTIC CURVES



EQUIVALENT CIRCUIT



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