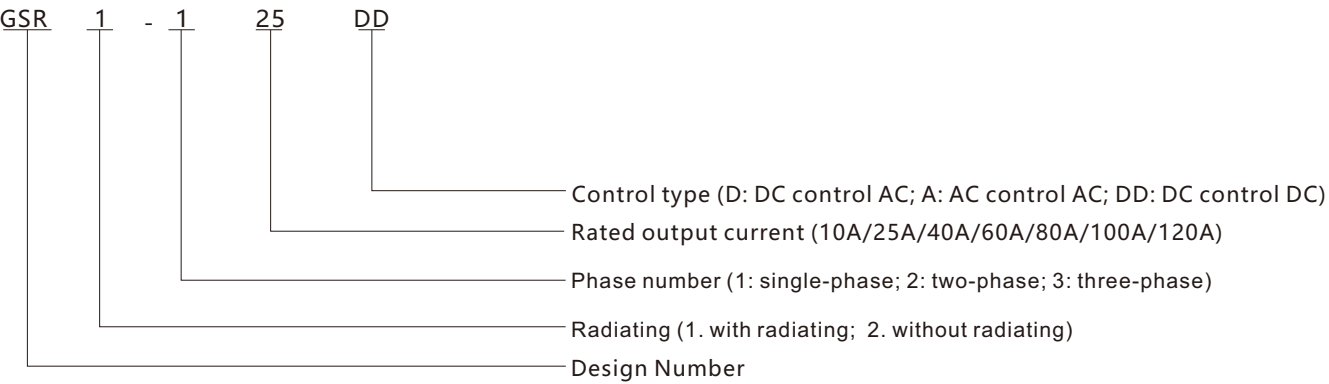




Product performance and features

- Wide input voltage range, small control current, samller or equal to 25mA;
- No mechanical operation parts, long lifespan and high reliability;
- Fast switching, zero-voltage turn-on, zero-current turn-off, low radio frequency interference;
- Adopt imported IR field effect tube, with stable quality and outstanding performance;
- The product is small in size, filled with epoxy resin inside, shock-proof, moisture-proof and corrosion-proof

Model Definition



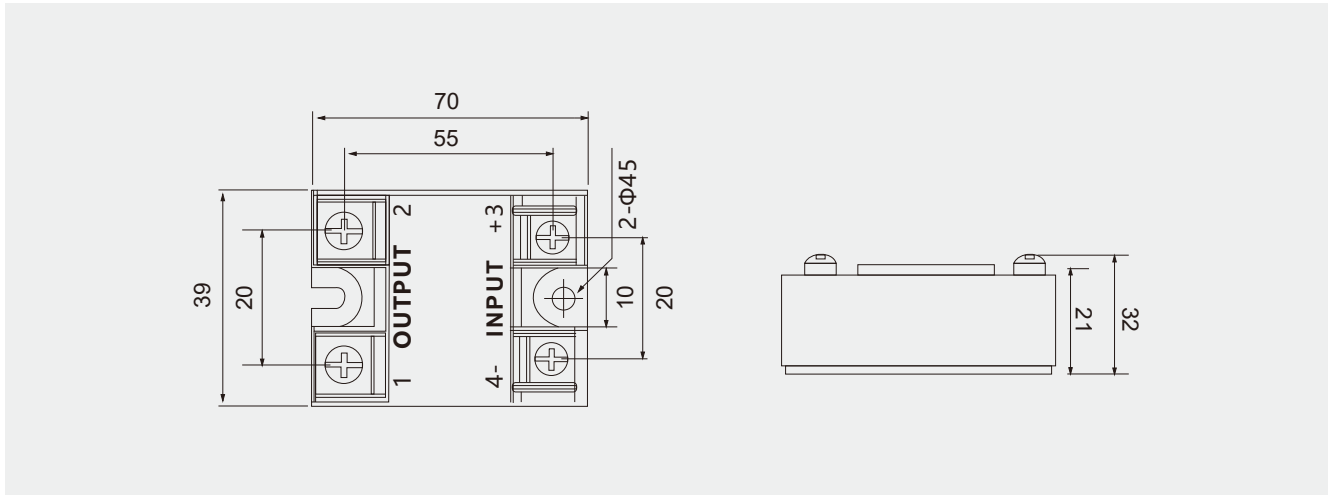
The default load withstand voltage is 220VDC, other withstand voltages need to be customized



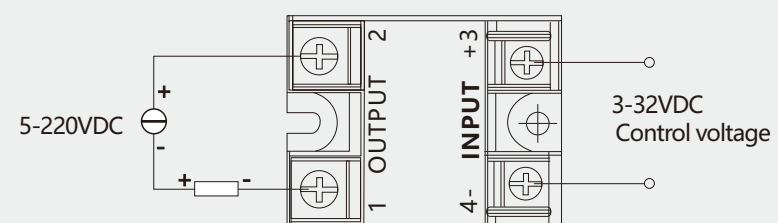
Input and output parameters and general characteristics

Input parameters							
Control voltage range	3-32VDC						
Minimum control current	5mA						
Maximum control current	25mA						
Ensure the voltage is switched on	3.5VDC						
Ensure that the shutdown voltage	1.5VDC						
Output parameters							
Output voltage range	12-220VDC						
Specifications/Maximum Load Current	10A	25A	60A	40A	80A	100A	120A
Peak Voltage	220VDC						
Insulation resistance	500MΩ/500VDC						
Leakage current in OFF state	≤2mA rms						
Saturation voltage drop in On state	≤2V						
On-off response delay	≤10ms						
General characteristics							
size	39L×70W×32H						
weight	100g						
Insulation withstand voltage between input and output	2500V rms						
Insulation withstand voltage between input and output and encloser ambient temperature	4000V rms						
environment temperature	-20°~75°C						
Installation:	bolt fixing						
Certification	CE						

Appearance and installation dimensions



Wiring, control voltage and current curve



Notices

1. When selecting relays, please pay special attention to the working current and ambient temperature of the load. When the load is working, it is necessary to add enough radiator or take other effective radiating measures.
2. The heat generated by the relay needs to be dissipated through the relay metal base. When installing, please pay attention to the tight cooperation between the relay and the radiator, the installation should be firm and the joint surface should be coated with thermal grease.
3. When the output terminal and the load line are loosely connected, the product will be burnt due to the heat generated during power-on. The followings are the recommended screw installations for product wiring: M4 screw installation with a torque of 0.98~1.37N.m, M3 screw installation torque of 0.58~0.98 N.m, excessive torque will damage the relay.
4. Random solid state relays need to be ordered. Any questions about the product please call us for the relevant technical