

This model is **SV-5A1R1P-N**.

**SV** (digital signal amplifier) -**5A** (maximum driving current 5A) -**1R** (one-way transmission) **1P** (single channel) -**N** (NPN output is drain output).

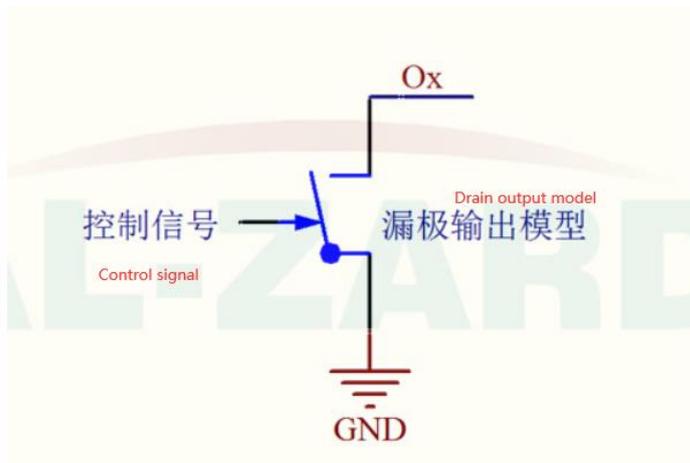
#### SV-5A1R1P-N Module Overview:

1. Adopt the new imported field effect tube.
2. Input signal compatible with NPN and PNP, compatible with Mitsubishi, Panasonic, Siemens and other PLC equipment as well as domestic PLC.
3. signal input voltage 3.3V/5V/12V/24V optional, to facilitate the control of different signal generation equipment.
4. The input terminal adopts photoelectric isolation module to effectively protect the safety of the control terminal; At the same time with working status indicator light.
5. Wiring: VCC and GND are the power supply ports of the module, and connect the cables according to the voltage prompts. 1+, 1- Connect the control signal; The output end of the controlled device is the open drain output, label O1.
6. Module size: 72\*19\*18MM (length \* width \* height). Spacing of mounting holes is 38.5MM. Module net weight: 20g.

#### Module terminal and definition:

功能 Function	标号 Label	说明 Remark
信号输入 Signal input	1+	信号输入正极 Positive terminal
	1-	信号输入负极 Negative terminal
电源输入 Power input	VCC	直流电源正 DC positive
	GND	直流电源负 DC negative
信号输出 Signal output	O1	信号输出（漏极输出） Signal output (drain output)

The drain output model is shown as follows:



When there is a control signal, the output port O1 is connected to the negative DC power supply (GND) of the module to form a loop.

**Schematic diagram of external electrical connection of the module (This module can control electrical appliances with voltages below 30V and 5A):**

