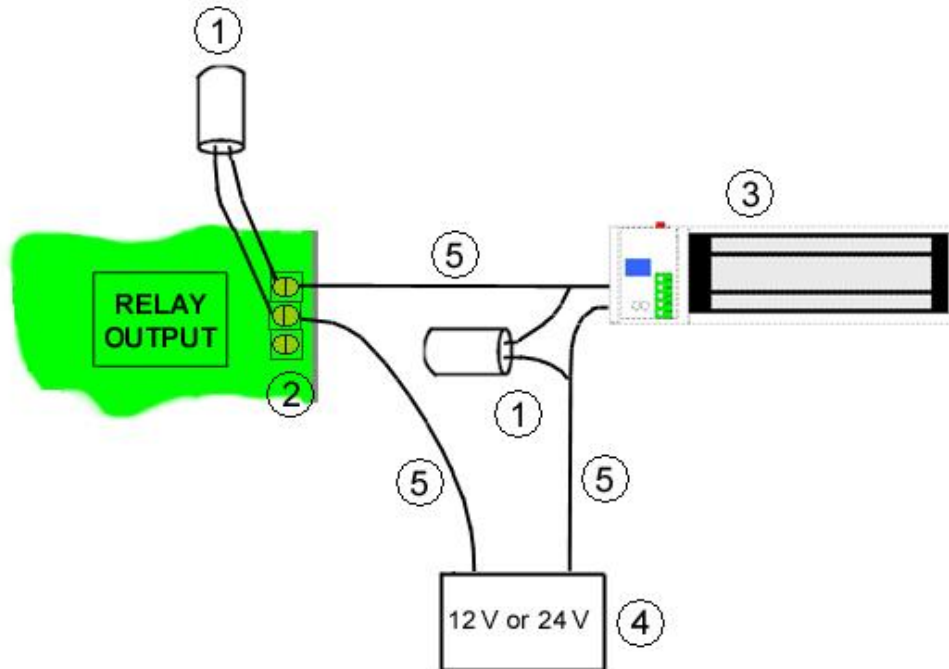


NS-1 Noise Suppressor Wiring

The NS-1 Noise Suppressor must be installed with every lock switching device connected through a relay contact on the SA-100, SA-200, SA-300, SA-1000, SA-2000-II. The NS-1 noise suppressor protects ATI family of products from the power generated by the collapsing field of an electromagnetic device.

The NS-1 Noise Suppressor consist of two identical pieces. Each piece consists of a resistor, capacitor and transzorb network. These parts are encapsulated in a rubber like insulating material. The NS-1 connecting wires are non-polarized and the two parts included in the Noise suppressor are alike to each other. One part of the NS-1 Noise Suppressor is installed across the relay contacts, without regard to polarity. The second is installed within 20 inches of the electrical switching device, without regard to polarity.

When properly installed, the Noise Suppressor provides the collapsing field a proper path to ground, protecting the panel from interruption and damage.



- ① NS-1 Noise Suppressor
- ② Terminal Block SA-2000-II
- ③ LOCK Device
- ④ PS-1-12 Power supply
- ⑤ 18 Gauge Wire

Specifications subject to change.