

733 Wiegand Interface Module

This Installation Note contains important installation instructions for the 733 Wiegand Interface Module. Refer to the 733 Installation Sheet (LT-0343) for complete information.

* * * * * IMPORTANT INSTALLATION INFORMATION * * * * *

Model 333 Suppressor Wiring

The Model 333 Suppressor has been included with the 733 Wiegand Interface Module. This Suppressor must be used instead of the diode that was previously included with the 733 Module.

The included Model 333 Suppressor must be installed over the Normally Open or Normally Closed and Common terminals on J2. The Suppressor is non-polarized.

The Suppressor must be connected to the terminals used for the device controlled by the relay. For example, if you are using the Normally Open and Common terminals for the device, place the Suppressor on the Normally Open and Common terminals. See Figure 1 below for a complete drawing.

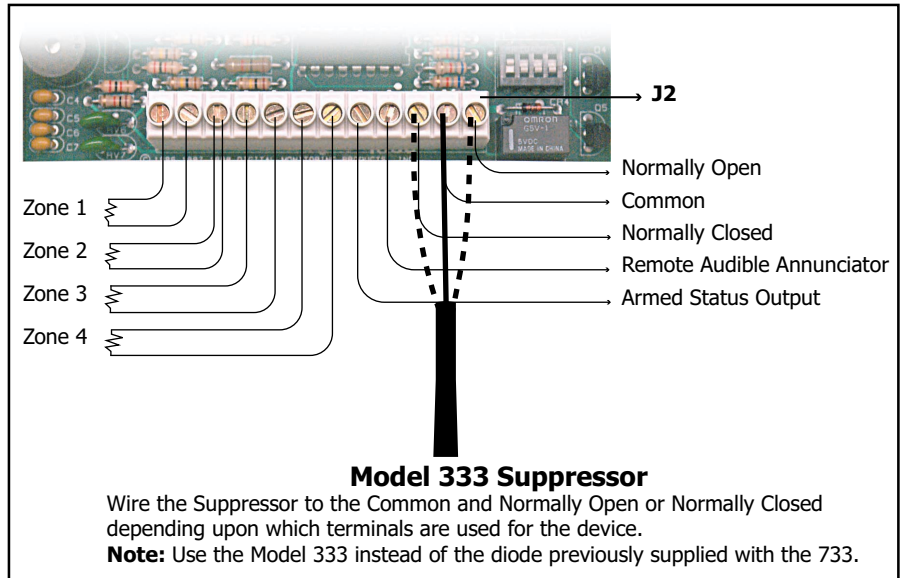


Figure 1: Model 333 Suppressor Connected to the 733 Module

Isolation Relay

The internal 1 Amp Form C Relay can control a device that draws up to 1 Amp current. The sum of all of the devices controlled by the Form C Relay must not exceed 1 Amp. If a device draws more than 1 Amp of current, or the sum of all devices controlled by the Form C Relay exceeds 1 Amp, an isolation relay must be used. See figures 2 and 3.

Also, if the lock manufacturer recommends using a relay larger than 1 Amp, you must use an isolation relay as shown in the diagrams below. Refer to the diagrams below for isolation relay wiring.

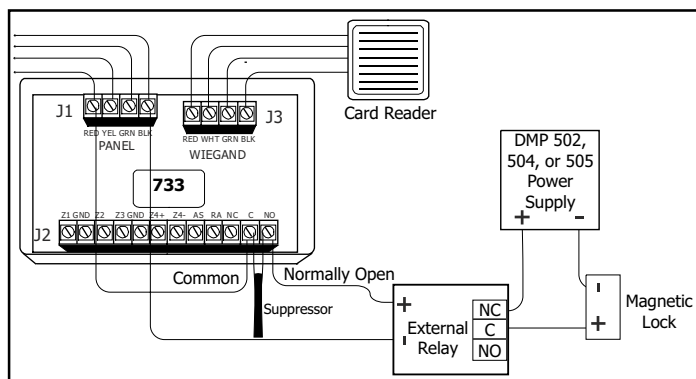


Figure 2: Isolation Relay and Magnetic Lock

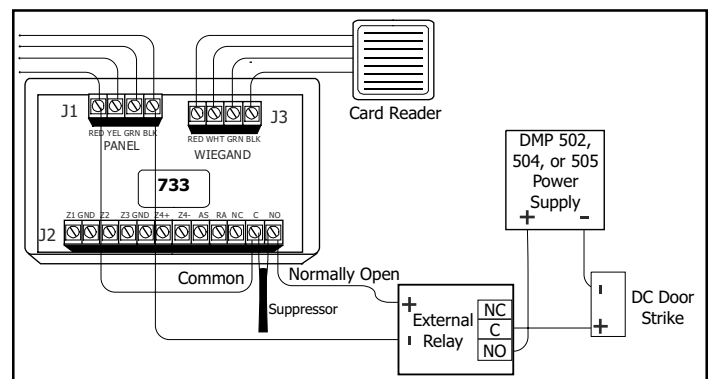


Figure 3: Isolation Relay and Door Strike

Other Installation Information

Power Supply

Do not ground the Power Supply to the 733 or the Command Processor™ panel.

Wire Type

Do not use shielded wire for the DMP bus. Shielded wire may be used between the 733 and the reader if recommended by the reader manufacturer.