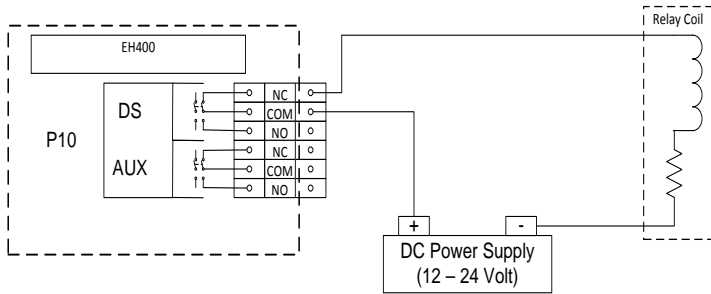


## Dry Mode Configuration

In this mode the relay contacts provide a switch for higher current loads provided by an external power supply.

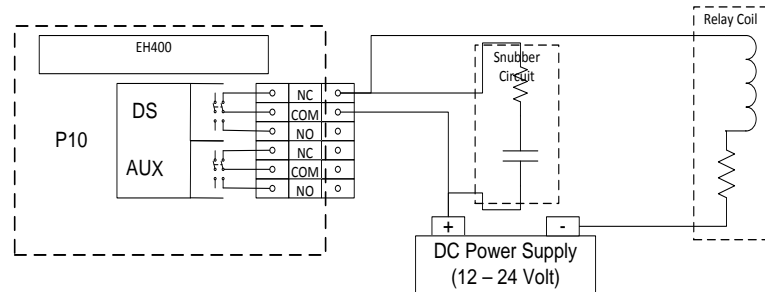
This mode is normally recommended for magnetic locks as the magnetic coils require additional current to operate properly.



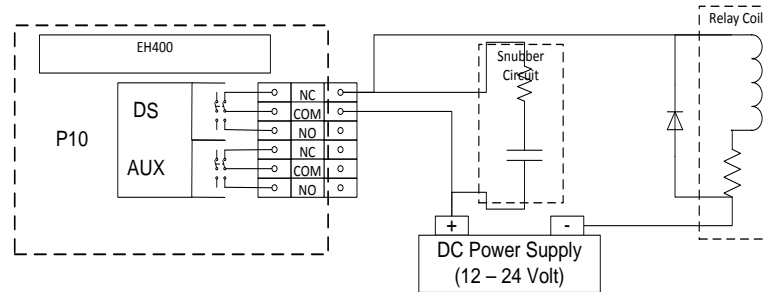
**Note the cathode terminal of the diode is connected to the positive potential (+) side of the relay.**

## Snubber Circuit Install – Flyback Diode Install

When using locks with high current inductive loads it is recommended that a RC Snubber circuit is placed across the contacts of the relay.

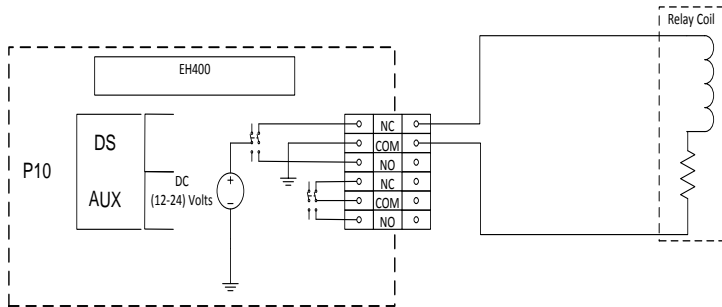


If no diode is fitted to the lock, then best practice is to install an external flyback diode. (See Accessory Kit)



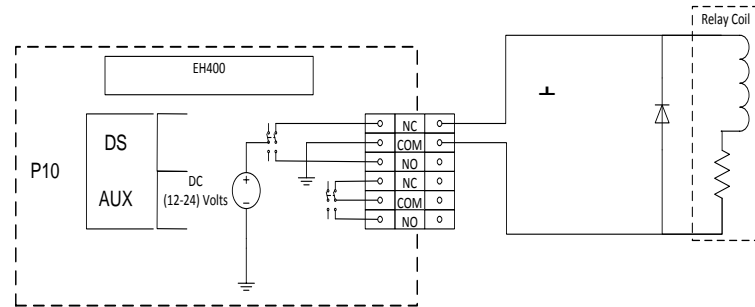
## Wet Mode Configuration

Wet mode provides a source of power at voltages ranging between 12 and 24 volts. The current supplied is dependent on the voltage being supported as well as the source of the power. Large inductive loads can inject negative spikes into the power supply. This can affect the operation of the product or otherwise cause interference to unconnected systems.



## Flyback Diode Installation (See Accessory Kit)

The recommended position for the diode is at the inductive load. If this is not possible the diode can be placed at the product connector.



**Note the cathode terminal of the diode is connected to the positive potential (+) side of the relay.**