

12 Volt Timer w 2 Circuit Relay Color Coding

Timer

Purchased at Amazon

Can be set to run from 1 second to up to 1 hour (60 Minutes)

















Optimum operation is 12 Volts DC

See Info—all 12 volt timer sheet

I have used the timers in the past wired as shown with the mini relay removed and replaced by two diodes.

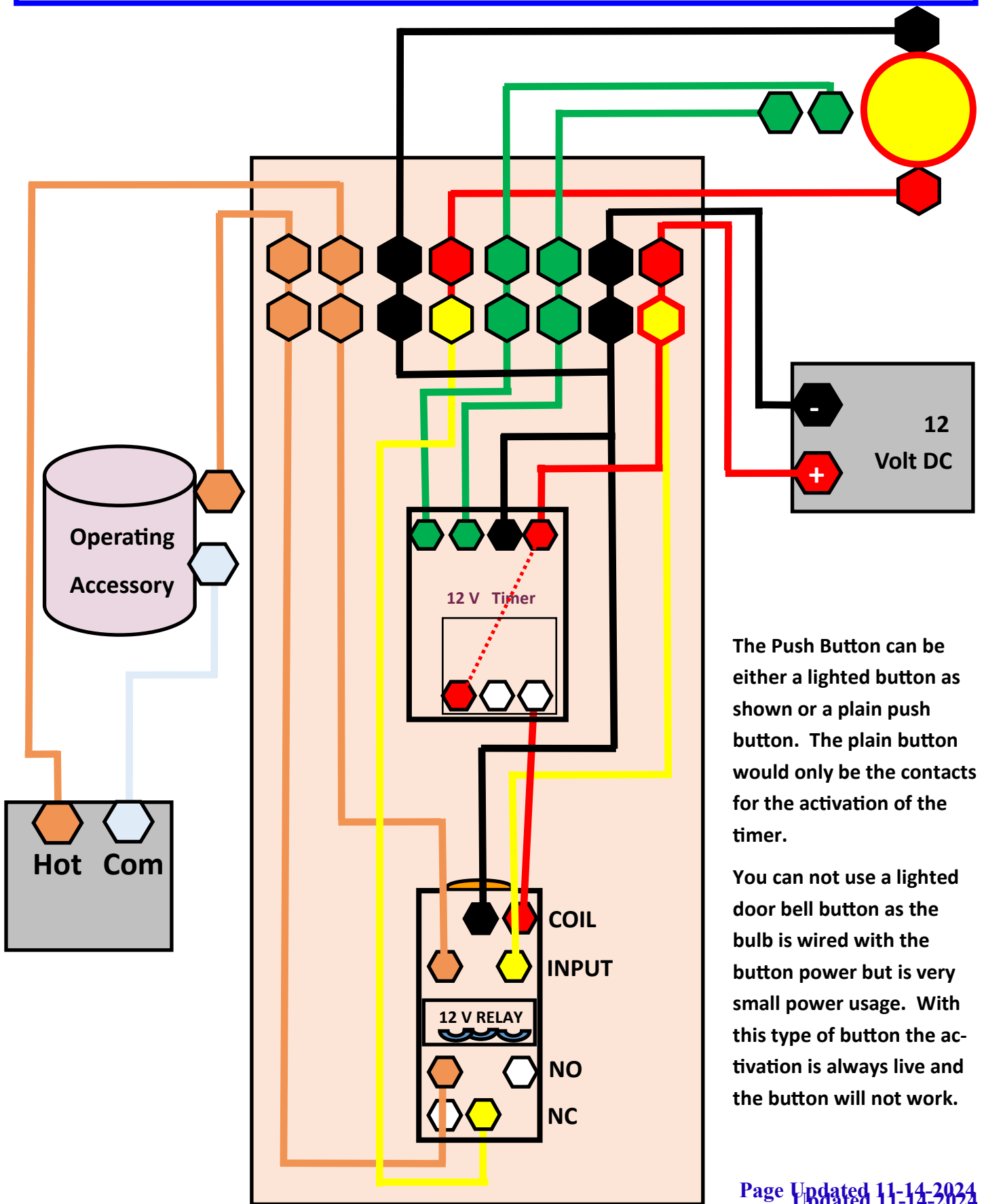
I needed to show also how to wire the timers un-changed from the factory.

There are 2 diagrams showing both ways to wire the timer itself.

12 Volt DC Positive Impute.....			12 Volt DC Positive to Timer and Light
12 Volt DC Negative Impute.....			12 Volt DC Negative to timer and light
Button Timer Activation.....			Button Timer Activation to Timer
Button Timer Activation.....			Button Timer Activation to Timer
Button Light Positive.....			Button Light Positive from the Relay
Button Light Negative.....			Button Light Negative from the impute
Hot wire from the power source.....			Hot wire to the relay
Hot Wire to the item to operate.....			Hot Wire from the relay

Basic 12 Volt Timer w 2 Circuit Relay

New Timer un changed



The Push Button can be either a lighted button as shown or a plain push button. The plain button would only be the contacts for the activation of the timer.

You can not use a lighted door bell button as the bulb is wired with the button power but is very small power usage. With this type of button the activation is always live and the button will not work.

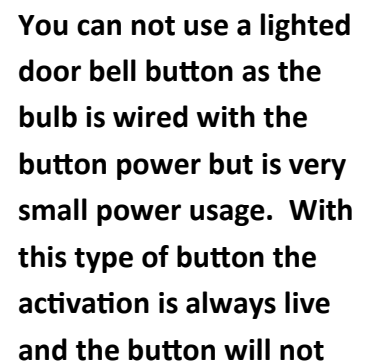
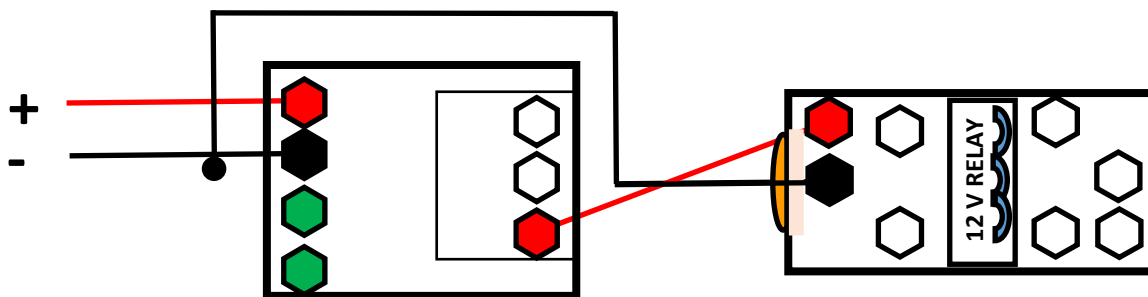


Chart to set the Timer's Length of Time

12 Volt DC Power supplies both the timer and the item timed to work with an internal connection.

S1	●	■	1 Second to 15 Seconds
S2	■	●	
S1	■	●	1 Second to 60 Seconds
S2	●	■	
S1	●	■	1 Minute to 8 Minutes
S2	●	■	
S1	■	●	6 Minutes to 60 Minutes
S2	■	●	



**S5 leave attached to run the relay
From the timer power 12 V DC**

S1 = Switch 1
S2 = Switch 2
NC = Normally Closed
NO = Normally Open
+ = Positive DC
- = Negative DC

Activation Wire Pin +



PDF-12 Volt Timer diagram