

# QUICK START GUIDE

The **Timing Functions Interactive Demo** is a new learning tool that visually demonstrates the ten different timing functions offered on Magnecraft time delay relays. Learn about timing functions online, then apply it to your own time delay relay application.

## INSTRUCTIONS:

Roll mouse over each  for more information.

### 1. Select a trigger

- Choose between:

#### Power Trigger

Timing initiates with input coil voltage.

#### Switch Trigger

Timing initiates with an external, un-powered switch.



### 2. Select a function

- View a short description of each function, as well as a list of products which use that function.



## On Wiring Diagram:

### 3. Click the Input Voltage (U) switch

- Initiates power.
- Begins timing function. (Power Trigger only)



### 4. Click the Trigger Switch (S)


- Begins timing function (Switch Trigger only).



### 5. View Timing Chart & Wiring Diagram

- Learn about each function as it's visually illustrated on both the timing chart and the wiring diagram.

Magnecraft – Timing Functions Interactive Demo



## TIMING FUNCTIONS INTERACTIVE DEMO


### Instructions:

- Select a trigger
- Select a function


**On Wiring Diagram:**

- Click input voltage switch (U) to apply power
- Click trigger switch (S) to close contacts (switch trigger only)

### Timing Chart



### Select Trigger

Power Trigger Reset Demo 

Switch Trigger

A **power trigger** initiates timing with the input coil voltage.  
A **switch trigger** initiates timing with an un-powered switch.

### Select Function

D - Off Delay

E - Retriggerable One Shot

H - One Shot

I - On/Off Delay

J - Memory Latch

**Description:** Input Voltage (U) = ON. When trigger closes, contacts transfer immediately and timing function begins. Ignores re-set attempts.

**Parts:** 820 Series, TDRPRO-5100, TDRPRO-5101  
[View products](#)

[Learn More About Functions](#)

### Wiring Diagram

