

Delayed 12 Volt Circuit Operation

Adjustable on-delay timer function provides delayed circuit operation..

Product Information

InPower Model: VCM-03.X Time Delay Solid State Relay, On-Delay

Description: The VCM-03.X is a solid state adjustable on-delay timer relay with a single +12 volt @ 15 amp output. The module has two inputs, one actuated by a transition to +12 volts (Input A) and one actuated by a transition to ground (Input B). The two inputs operate as a logical "Exclusive OR" so that either input can cause the timer to operate. When an input is applied and maintained, the timer will start. When the timer expires the output will be activated. The output will remain activated until both inputs are open (cleared). The time period is adjustable with a single turn potentiometer. Four time ranges are available: 0-10 seconds, 0-60 seconds, 0-3 Minutes, and 0-10 minutes.

Available Models: VCM-03.1 0 - 10 Seconds Time Range
VCM-03.2 0 - 60 Seconds Time Range
VCM-03.3 0 - 3 Minutes Time Range
VCM-03.4 0 - 10 Minutes Time Range

Documentation: Product Data Sheet PDS-59

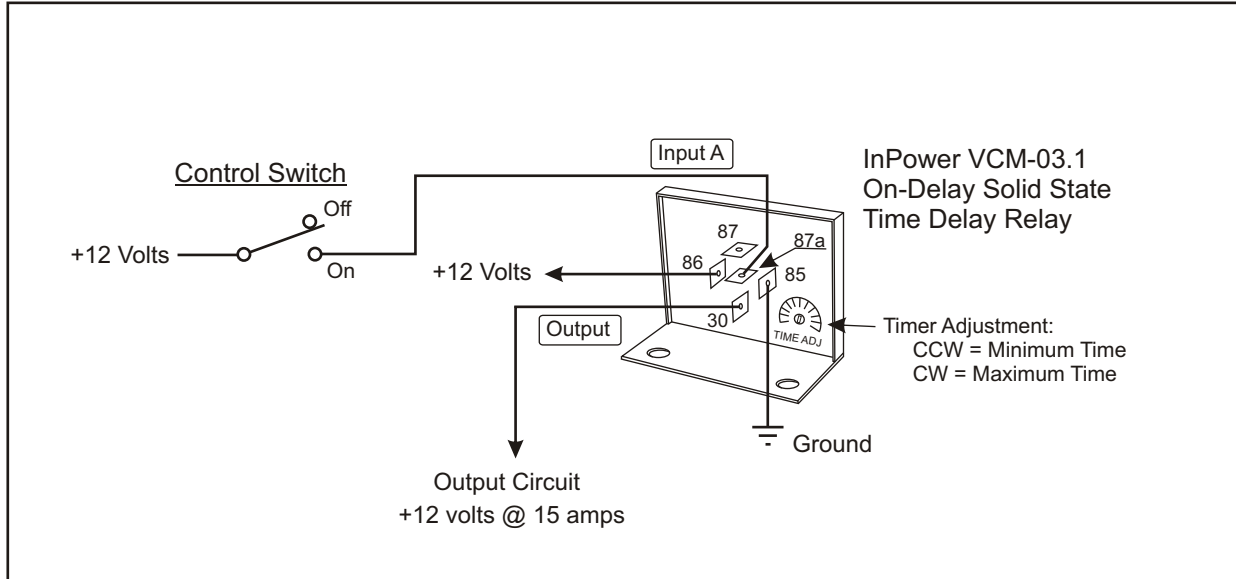
Operation

1. Operate Switch to On position. The timer is started (The time period is adjustable).
2. When the timer expires the Output Circuit is activated via the VCM-03.X output (terminal 30).
3. When Switch is set to Off position, the Output Circuit is deactivated and timer is reset.

VCM Series

Application Bulletin

Application Wiring Diagram (Control switch with delayed output)



Timing Diagram

