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CCL1000
COIN COUNTER LINK MODULE

FEATURES

- Totally Solid State
- Works With Most Popular Counters on the Market
- Wide Input Voltage Range of 5 - 24 VDC
- Wide Output Switching Voltage Range of 12 -130 VDC or 24 - 120 VAC
- Single Screw Mounting
- Encapsulated to Withstand Harshest Environments
- UL/cUL Pending

SPECIFICATIONS

1. Control
1.1 Type: Optically Isolated, Single-Shot Timer
1.2 Time Delay: Fixed at 50 Milliseconds ±20%

2. Input
2.1 Input Voltage Range: 5 - 24 VDC
2.2 Minimum Change In Voltage To Initiate: 4 Volts (Switch Open to Switch Closed, Switch Closed Impedance ≤ 100Ω)
2.3 Minimum Input Switch Closure Time: 100 Microseconds NOTE: Switch Input held low will not cause multiple output pulses.
2.4 Minimum Time Between Inputs: 75 Milliseconds

3. Output
3.1 Type: Solid State
3.2 Form: SPST Normally Open
3.3 Rating: 0.5 Amperes (AC or DC)
3.4 Operating Voltage Range: 24-120 VAC or 12-120 VDC
3.5 Off-State Current: 2mA @ 120 VAC or VDC
3.6 Maximum On-State Voltage Drop: 3 Volts @ 0.5 Amps

4. Protection
4.1 Input Transient: ±100 Volts
4.2 Input Is Reverse Polarity Protected
4.3 Output Transient (10/1000 µSec Pulse): 11 Joules
4.4 Output DC Voltage Is Not Polarity Sensitive
4.5 Dielectric Breakdown: 1500 Volts RMS Minimum

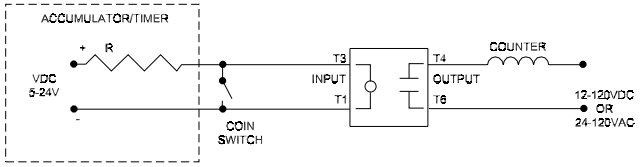
5. Mechanical
5.1 Mounting: One #8 or #10 Screw
5.2 Termination: 1/4" Quick Connect
5.3 Style: Surface Mount/Encapsulated

6. Environmental
6.1 Operating Temperature: -20°C to +80°C
6.2 Storage Temperature: -40°C to +85°C
6.3 Humidity: 95% Relative Non-Condensing

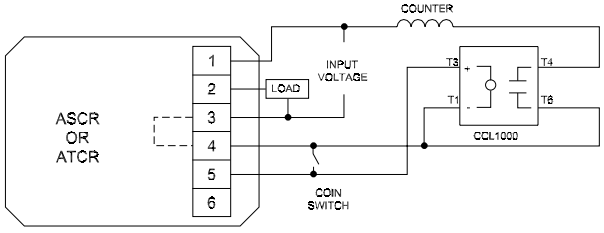
MODE OF OPERATION

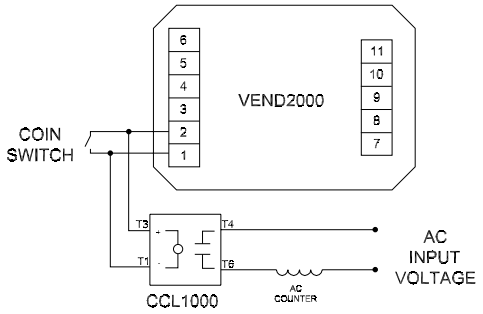
Referring to Figure 1: With power applied to both the input and output, the output is in the OFF state. Upon closure of the coin switch, the output turns ON for 50 milliseconds and then returns to the OFF state.

Figure 1:

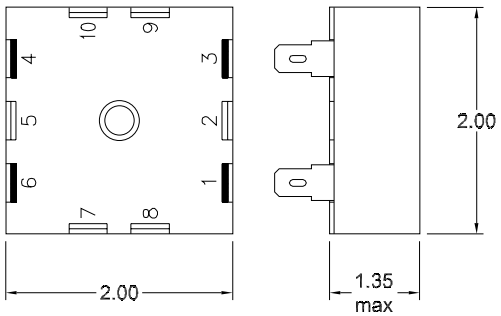


CONNECTION DIAGRAMS





DIMENSIONS



ORDERING INFORMATION

CCL1000