



**CTV Coin Totalizer & Vending Timer 120 Volts AC
Part No. 09780017**

Specifications

Input Voltage = 120 Volts AC 50/60 HZ 101 VAC min. 132 VAC max.

Power Consumption = 3.7 Watts max.

Switched Output Relay = Single Pole Double Throw Contact
Maximum Rating = 20 Amps @ 120 / 240 VAC, 1 HP
20 Amps at 30 Volts DC
Output Relay Life = 10 million operations

Operating

Temperature = -20° C to 80° C

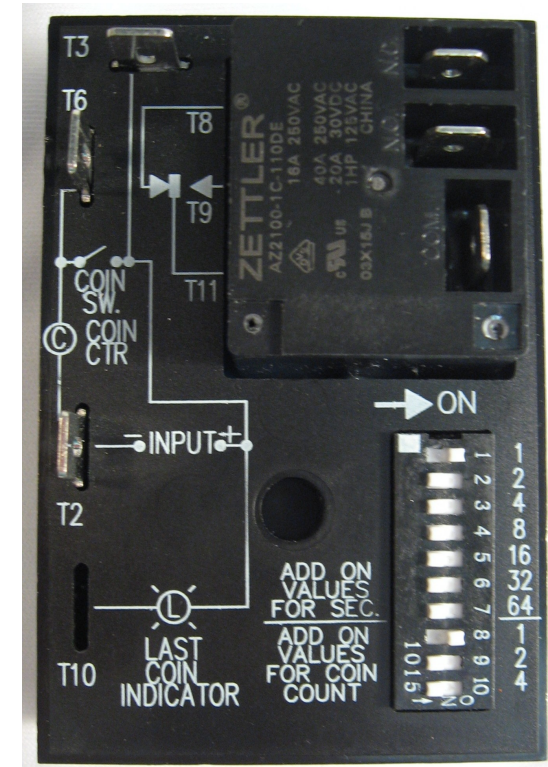
Humidity = 95% relative non-condensing

Storage Temperature -30° C to 85° C

Number of Coins to Vend = From 1 to 7 (selectable via three DIP switches,
Numbers 8, 9 & 10)

Relay Closure Time = 1 second Minimum to 127 seconds Maximum
(selectable via seven DIP switches,
Numbers 1 though 7)

Mechanical Coin Micro-Switch Input =
25 milliseconds Minimum Closed, 25 milliseconds Minimum Open



Mechanical

- Package: epoxy-encapsulated
2 Inch x 3 Inch x 1.50 Inch
- Mounting: 0.25" diameter hole for up to #10 screw
- Terminations: .25" male quick connect terminals

UL Recognized UL file # E125360
UL Guide NMFT2, cUL Guide NMFT8
CE Marked

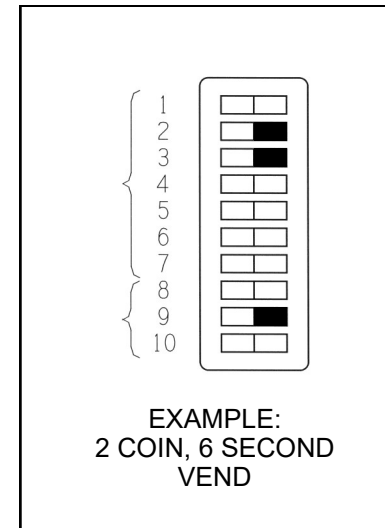
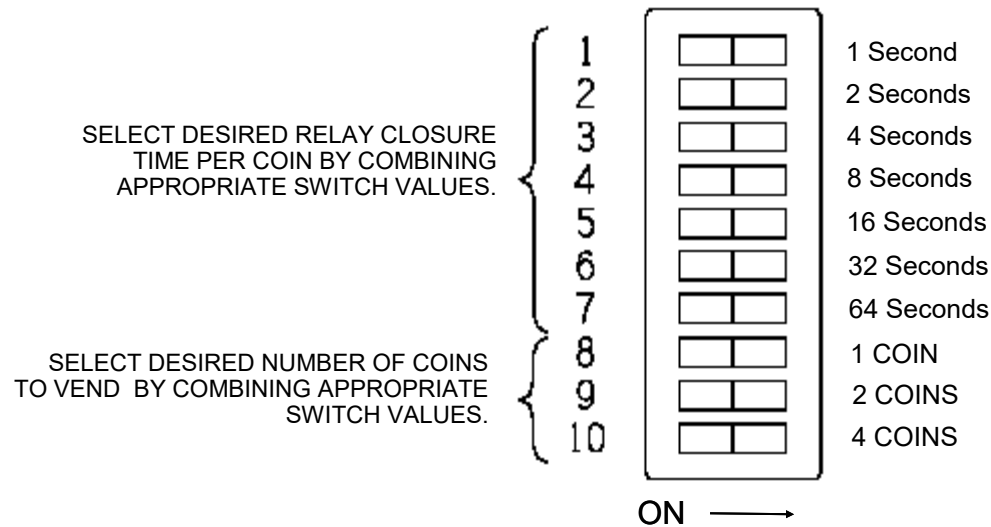


COIN MECHANISMS INC.

Where The Money Meets The Machine
817 Industrial Drive Elmhurst, Illinois 60126

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SWITCH SETTINGS





Closing and Opening a Switch or Relay Connected between Terminal T3 (120VAC) and T6 (Switch Input) activates the Timer Output Relay

Isolated Output Relay

Activates when the Coin Count has been met for the Relay Closure Output Time set on the DIP Switch

T3 = 120VAC Input Power



T6 = Coin Switch Input

Minimum Coin Switch closure time = 25 Milliseconds

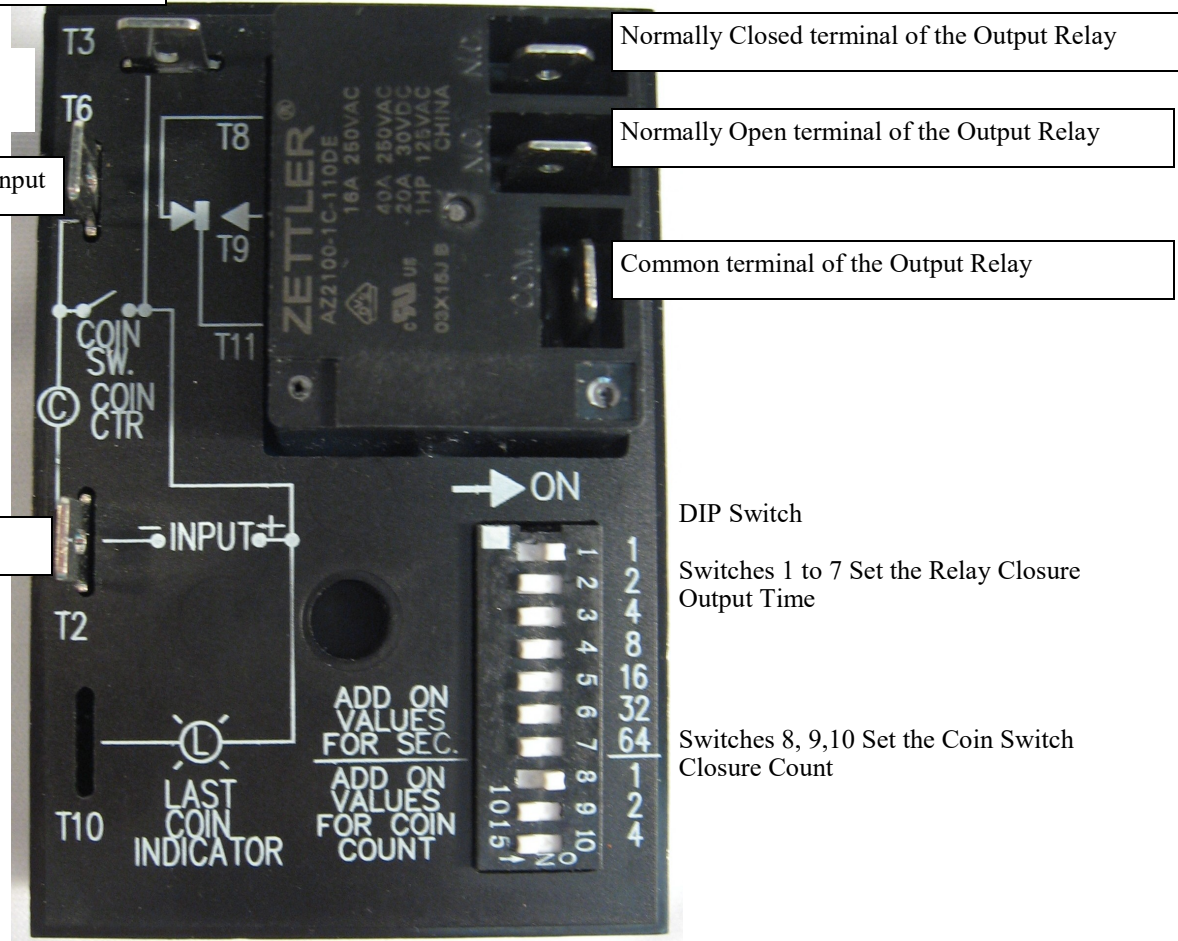
Open Time Between Closures = 25 Milliseconds Minimum

T2 = 120VAC Neutral

Coin Switch closures are counted until their total equals the DIP Switch setting. At this point the Isolated Output Relay activates for the selected Relay Closure Time.

Upon completion the Output Relay reverts to its original position.

Removal and re-application of input power will reset the timer.



Normally Closed terminal of the Output Relay

Normally Open terminal of the Output Relay

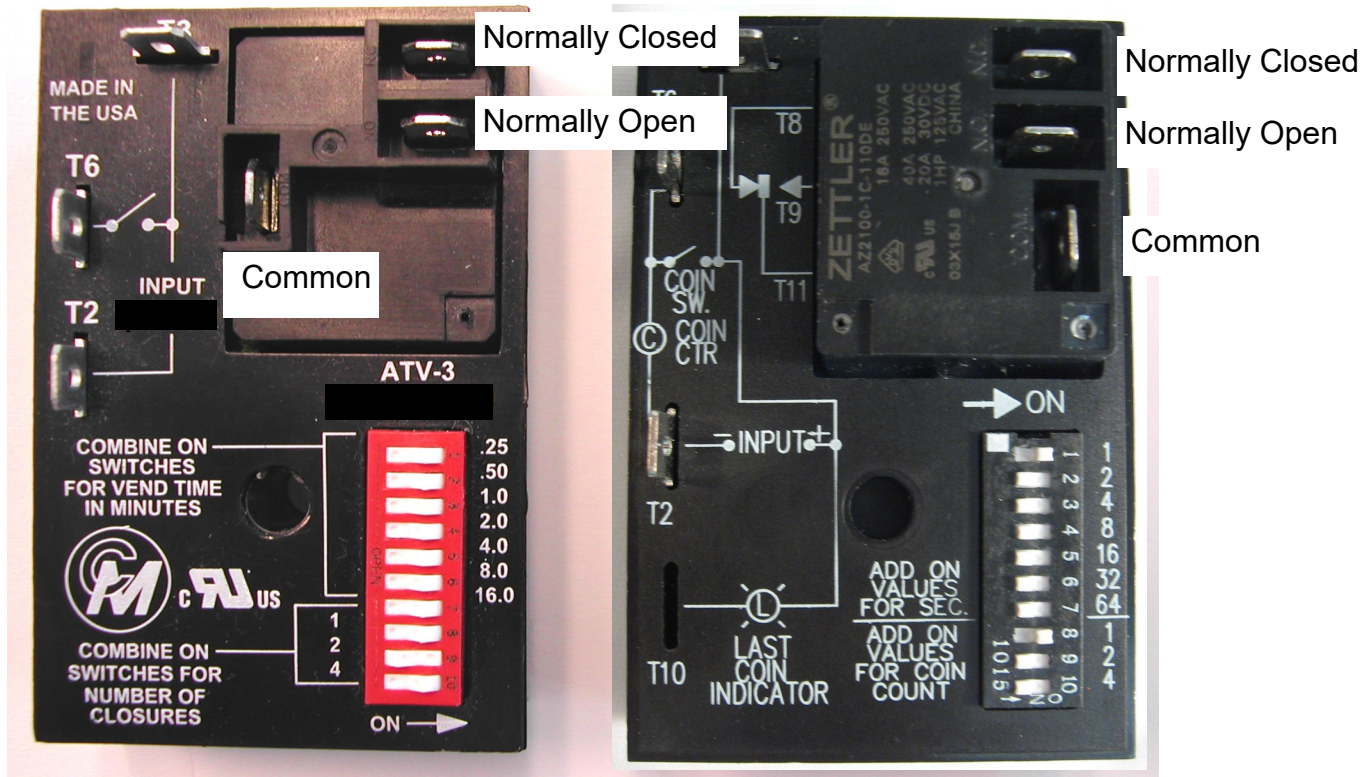
Common terminal of the Output Relay

DIP Switch
 Switches 1 to 7 Set the Relay Closure Output Time

Switches 8, 9, 10 Set the Coin Switch Closure Count



The CTV Coin Totalizer & Vending Timer has two possible Output Relay configurations (the photo of the ATV-3 is used to show one of the possible two configurations)



The Output Relay is single pole double throw
 It can switch 0 to 250 Volts up to 20 Amps



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