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CX-1000/76

MiniMinder Plus

Installation Instructions

MADE IN CANADA

PAGE 1 OF 2

General Description

The MiniMinder Plus is a flexible delay-on-release timer that is used to extend the activation or hold-open time from 1 – 30 seconds after the input contact is released.

It is useful for electric strikes or magnetic locks, and with automatic door operators that do not have an adjustable time delay.

Installation

The case does not need to be opened to install the relay or adjust the time delay. The circuit board MAY be removed from the case if space does not permit installing the complete enclosure. In this case remove the board and install carefully to avoid shorting the circuit traces on the board. Also insure the mounting location is free of moisture.

Wire the solid Blue and Blue/White striped wires to the activating device. This should be a normally open dry contact switch. The MiniMinder Plus may be wired to a three terminal Radio receiver (wet input) if wired exactly as per our instructions!

The output is Form C and rated at 2.0 amps. Use the Yellow (N.O.) and Brown (common) for a door operator, or an electric strike. Use the Brown (common) and Orange (N.C.) for an electromagnet.

Finally, wire the Red and Black to the power supply, which may be 12 or 24 Volts AC or DC.

Wiring Diagram

See over...

Operation

The time delay is initiated by a momentary contact closure on the Blue and Blue/White striped wires. The relay changes state and is confirmed by the red

LED. The LED is an aid for setting the time delay or troubleshooting.

The timer begins counting down once the contact closure on the input has been removed. To increase time, turn the potentiometer in a clockwise direction. To reduce the time delay, turn the potentiometer in a counter clockwise direction.

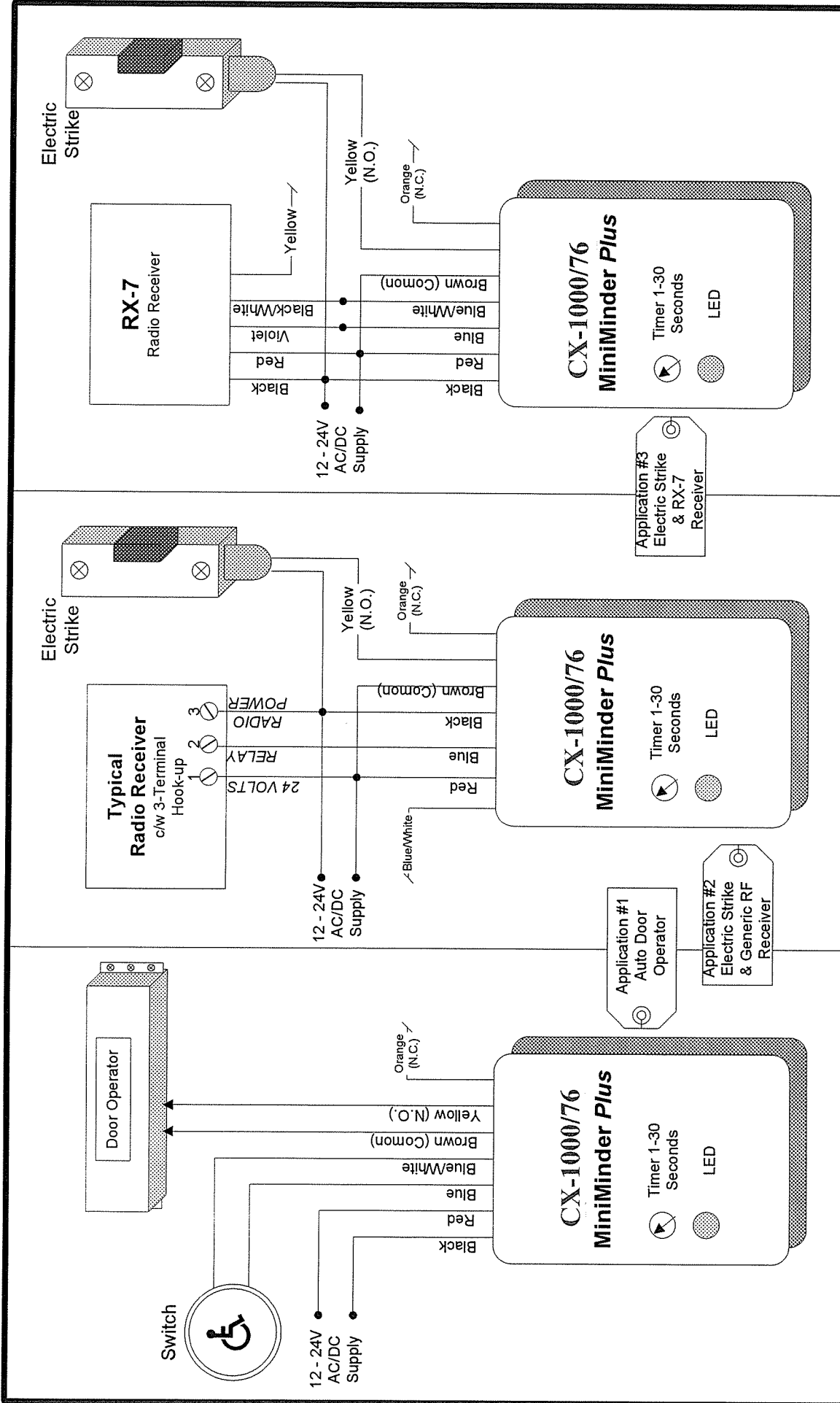
Specifications

Model..... CX-1000/76
Size..... 3.3" x 2.2" x 1"
Mounting..... Double Sided Foam Tape
Enclosure..... Black Styrene Plastic
Operating Voltage..... 12 – 24 Volts AC/DC
Current Draw..... 20 mA standby 33mA max.
Response Time..... 0.3 seconds
Input..... N.O. Dry or Wet
Relay Output..... Form C (SPDT)
Contact Rating..... 2 amps @ 277VAC/30VDC
Electrical Life..... 100,000 @ rated capacity
Time Delay..... 1 – 30 seconds

Warranty

Camden Door Controls Inc. guarantees the MiniMinder Plus to be free from manufacturing defects for 3 years from date of sale. If during the first 3 years the CX-1000/76 fails to perform correctly, it may be returned to our factory where it will be repaired or replaced (at our discretion) without charge. Except as stated herein, Camden extends no warranties expressed or implied regarding function, performance or service.

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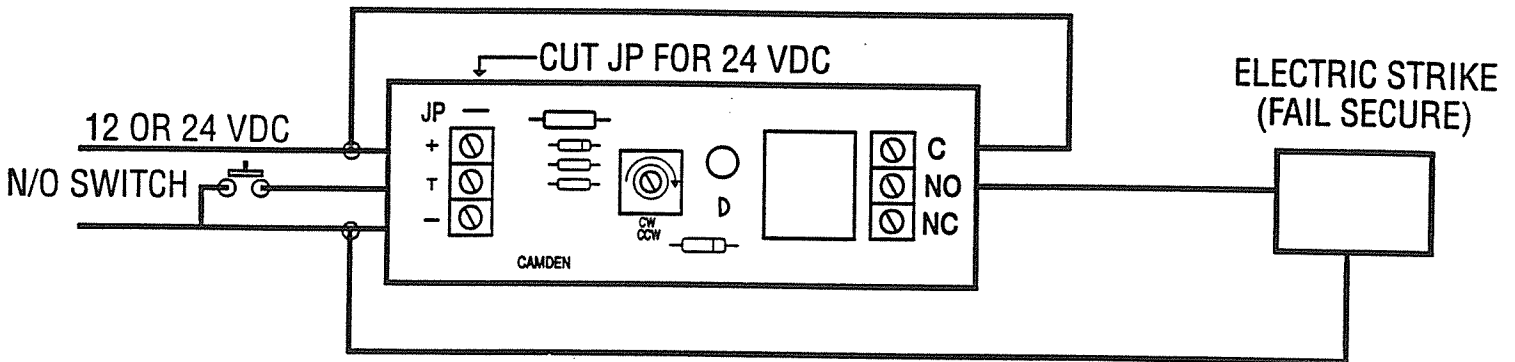
CX-1000/75 MINIMINDER TIME DELAY

INSTALLATION INSTRUCTIONS

Adjustable delay from 1-15 seconds (Potentiometer)
 Turn clock-wise to increase time; counter clock-wise to decrease time
 Relay: SPDT 3 amp at 24 VDC
 Operating Voltage: 12 or 24 VDC
 Current: Idle 10MA, operating 40MA

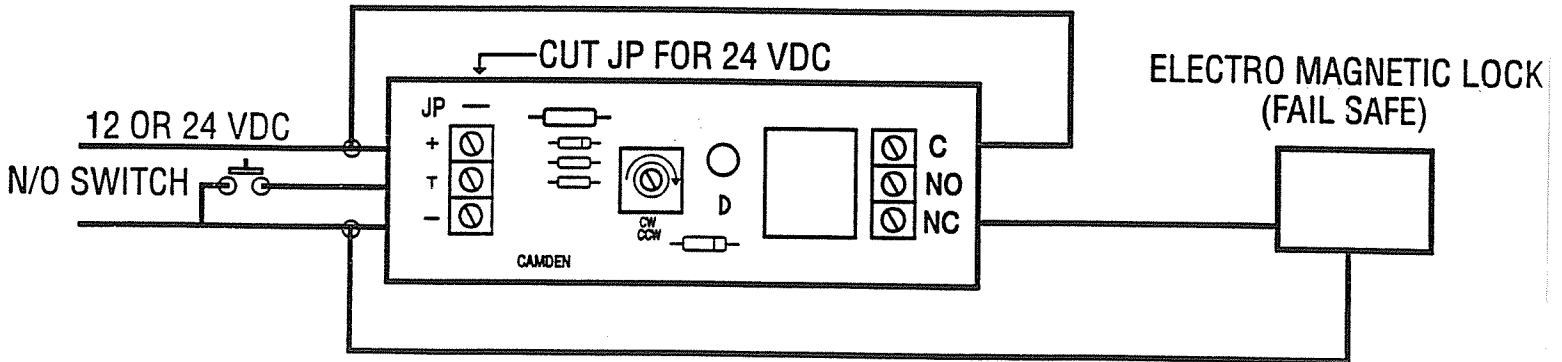
FAIL SECURE APPLICATION

NORMALLY DE-ENERGIZED



FAIL SAFE APPLICATION

NORMALLY ENERGIZED



SPECIFICATION:

Dimensions: 2.6" x 0.9" x 0.7"

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