DynaLock

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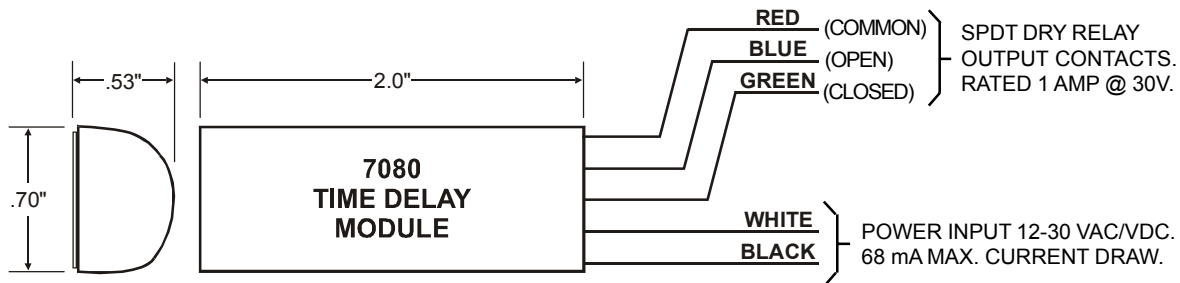
MODEL #7080
TIME DELAY MODULE

INSTALLATION   INSTRUCTIONS

The Model 7080 is a multi-purpose in-line timer designed to provide adjustable delayed-relocking of a fail-safe or fail-secure electronic lock, when coordinated with a momentary access/egress control device. The 7080 is supplied with a double-stick tape backing to allow convenient mounting at the discretion of the installer.
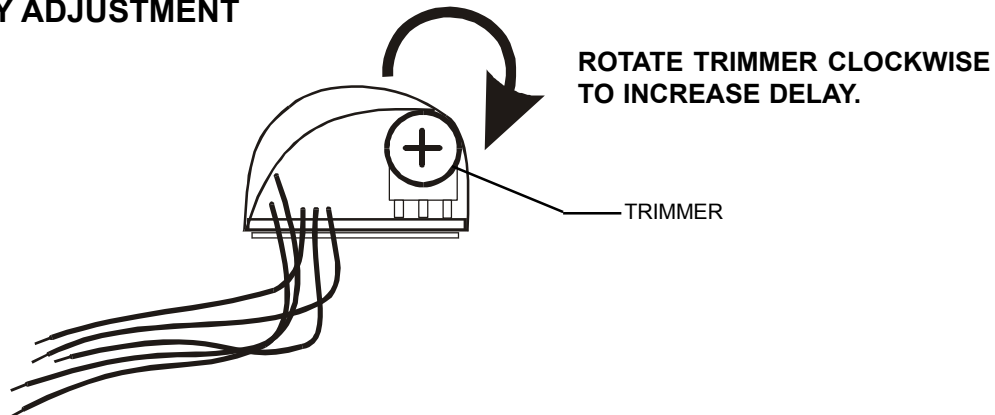
SPECIFICATIONS

INPUT POWER: 12 - 30 VAC/VDC. NON-POLARITY SENSITIVE.

CURRENT DRAW: 25 mA MAX. DC / 68 mA MAX. AC

DIMENSIONS: 2.0" L x .70" W x .53" H

RELAY OUTPUT: SPDT DRY TIME DELAY CONTACTS. RATED 1 AMP @ 30V

DELAY RANGE: 0 - 60 SECONDS, ADJUSTABLE.

TERMINATIONS: 4" COLOR-CODED, 20 GA. PRE-STRIPPED WIRE LEADS.

GENERAL INFORMATION

RED (COMMON)
BLUE (OPEN)
GREEN (CLOSED)
SPDT DRY RELAY OUTPUT CONTACTS. RATED 1 AMP @ 30V.

.53"
2.0"
.70"

7080 TIME DELAY MODULE

WHITE
BLACK
POWER INPUT 12-30 VAC/VDC. 68 mA MAX. CURRENT DRAW.

NOTE: OUTPUT CONTACTS ARE SHOWN WITH MODULE ENERGIZED. SEE PAGE 2 FOR TYPICAL SYSTEM WIRING EXAMPLES.

TIME DELAY ADJUSTMENT
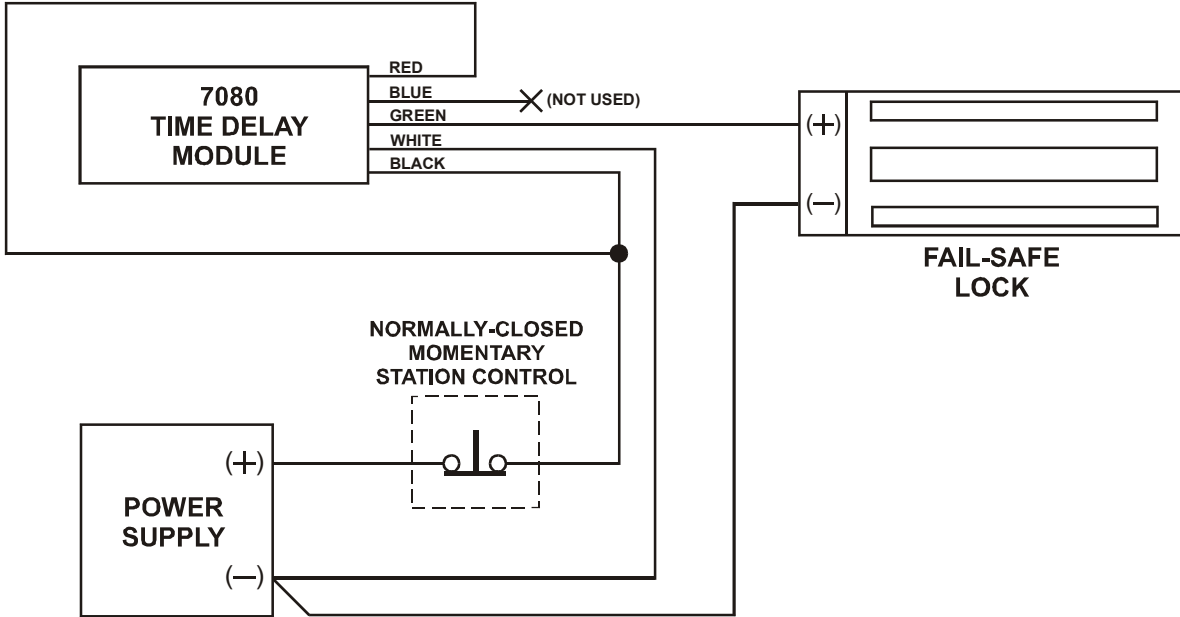

ROTATE TRIMMER CLOCKWISE TO INCREASE DELAY.

TRIMMER

7080 SERIES TIME DELAY MODULE WIRING EXAMPLES

Ⓐ   TYPICAL WIRING - FAIL-SAFE LOCKING DEVICE

Fail-safe locking device is normally locked with power applied. Momentarily opening the normally-closed station control contact de-energizes the time delay relay. The time delay closed contacts open de-energizing the lock. Door will remain unlocked until time delay expires.

7080 TIME DELAY MODULE

RED
BLUE
GREEN — ✕ (NOT USED)
WHITE
BLACK

(+)
(−)

FAIL-SAFE LOCK

NORMALLY-CLOSED MOMENTARY STATION CONTROL

(+)
POWER SUPPLY
(−)

Ⓑ   TYPICAL WIRING - FAIL-SECURE LOCKING DEVICE

Fail-secure locking device is normally locked with no power applied. Momentarily opening the normally-closed station control contact de-energizes the time delay relay. The time delay open contacts close energizing and releasing the lock. Door will remain unlocked until time delay expires.

7080 TIME DELAY MODULE

RED
BLUE
GREEN — ✕ (NOT USED)
WHITE
BLACK

(+)
(−)

FAIL-SECURE LOCK

NORMALLY-CLOSED MOMENTARY STATION CONTROL

(+)
POWER SUPPLY
(−)