STI LATCHING/TIMER MODULE

KEY FEATURES

General Information
- Latching and/or timing module.
- Can be used as a latching module for momentary buttons.
- Supervised relay drops out when power is removed.
- Digital timing circuit 15, 30, 45 seconds or ∞.
- Easy to set modes.
- LT-1UL converts a momentary button to a button with timing options.
- One year guarantee.

Design
- Compact size (1.28”H x 1.74”W x .632”D) will fit inside Stopper Stations or in a handi box behind a flush mounted button.
- LT-1UL is designed to function with any momentary access button.

Construction
- The LT-1UL Latching/Timer Module is compatible with all UL Listed Momentary Stopper® Station buttons. It can also be used with any UL Listed momentary button.

Installation
- Two modes ‘Fail Safe’ or ‘Fail Secure’ installation.
- Supplied with double sided pad for installation.
- All instructions are marked on the board for easy installation or field adjustment.

Electronics
- 12 to 24 volts AC/DC operation, Form “C” contact rating 3A @ 30VDC 125VAC.

Options
- Offers single reset operation when installed with N.C. contact, unit will automatically reset without waiting for the timer to expire.

PRODUCT OVERVIEW

Our 12-24 VAC/VDC digital timer is a reliable and highly accurate simple solution to many complex timing applications. A momentary contact closure begins the timing cycle (15, 30, 45 seconds or ∞) and latches a set of Form “C” dry contacts. The compact design makes it versatile for many applications.

For example, when used on an egress door, the supervised contacts can be set to either ‘Fail Safe’ or ‘Fail Secure’ mode. A built-in reset feature allows the circuit to reset after a single operation or a single door open and close (single passage) before timing expires. This prevents re-entry of any unauthorized personnel.

For more information, call 248-673-9898 or visit www.sti-usa.com.
STI Latching/Timer Module
Dimensions and Technical Information

MODELS AVAILABLE
LT-1UL  Latching/Timer Module UL Listed

Specs:
- Dry Contacts: 3A 125 VAC
- Dry Contacts: 3A 30 VDC
- Circuit Requirements: 12-24 VAC/VDC < 15mA

APPROVALS & WARRANTY
TESTING
LT-1UL has been tested and approved or listed by:
- UL/cUL Listed to UL 294

WARRANTY
One year guarantee on electro mechanical and electronic components.

POWER 'ON' GREEN LED
RELAY ACTIVE RED LED

POWER IN
N.C.
N.O.
COM
RESET
TRIGGER
+-

12 to 24 Volts AC or DC

MODEL LT-1

RELAY MODE
N.O.
N.C.
NO CUT
CUT
15s
30s
45s
Ltch

NOTES:
RELAY MODE:
N.O. - RELAY SWITCHES WITH POWER TO CIRCUIT - FAIL SAFE
N.C. - RELAY IS IN SAME STATE AS WITH NO POWER TO CIRCUIT - FAIL SECURE

TO CHANGE TIMER SETTINGS:
CUT TRACES WITH "X", DO NOT CUT TRACES WITH "    

IF TRACES ARE INCORRECTLY CUT,
SOLDER JUMPER WIRES USING APPROPRIATE HOLES.

RELAY MODE
N.O.
N.C.
NO CUT
CUT
15s
30s
45s
Ltch

Relay
NO
Relay
COM
Relay
NC
Trig Input
Com
Reset PowerInput
+-

12 to 24 Volts AC or DC