Safety Technology International, Inc.

UB-1PN Universal Pneumatic Button

ADA Compliant

We protect the things that protect you.®

NOTES

It is important to read, understand and follow all instructions provided with this product. It is the installer's responsibility to comply with NFPA 70 & 101, NEC, mounting specifications according to ADA and other applicable electrical codes. To avoid electrical shock, DO NOT attempt to install this product when power is on. ADA mounting compliance requires the operable part of the initiating device shall not be less than 3 1/2 ft. (1.1m) or greater than 4 1/2 ft. (1.37m) above finished floor surface. After installation and testing are complete, provide a copy of this manual to all personnel responsible for testing and maintenance of this product.

* For access control installations, power for the UB-1PN must be supplied by a power source Listed to UL294. When used for access control, this device shall be used as a part of an access controlled egress door system. It is up to the local AHJ to allow use of this device in place of an automatic sensor. For higher security installations, lower time limits should be used.
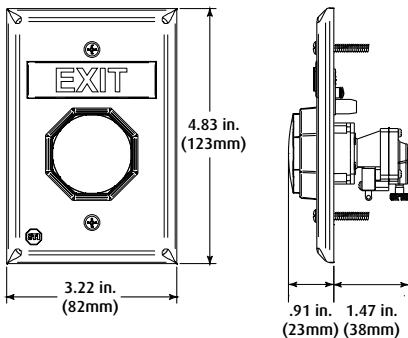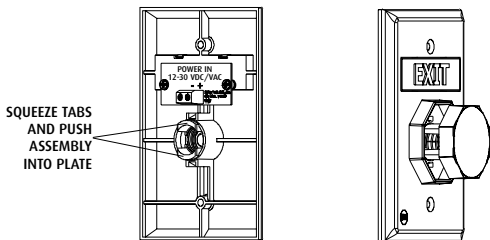

SWITCH RATING

Independent Form "Z" contacts
Rated at: 10A @ 240 VAC
Operating Temp: 15° to 120°F (-9° to 49°C)
1,000,000 Cycles

1. TO CHANGE BUTTON COLOR AND ROUND MESSAGE

SQUEEZE TABS AND PUSH ASSEMBLY INTO PLATE

1. Choose button message and color. If same as existing, proceed to **2**.
2. If choosing a new message, remove button. On the back side of the plate, squeeze tabs and push actuator assembly into plate just enough to grasp the button and remove.
3. From the front of the plate, push actuator back into original position.
4. Choose button message. Blank plate is available for your custom message.
   a. Insert button message, align 4 notches on actuator.
   b. Select color lens. Align top and bottom notches with tabs on actuator and push until it snaps together.

2. CHANGE TOP MESSAGE

1. Remove LED circuit board.
2. Remove current message by pushing in and down on tabs **1** and **2** with a small screwdriver. If necessary, also push in and down on tabs **3** and **4**. Once message is loose, remove from the front of the plate.
3. Select new message and snap into place. Blank plates are included to create your own custom message.

UB-1L LED PCB
NYLON WASHER
SCREW

SCREWDRIVER

1

2

3

4
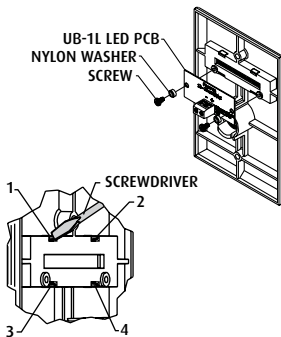
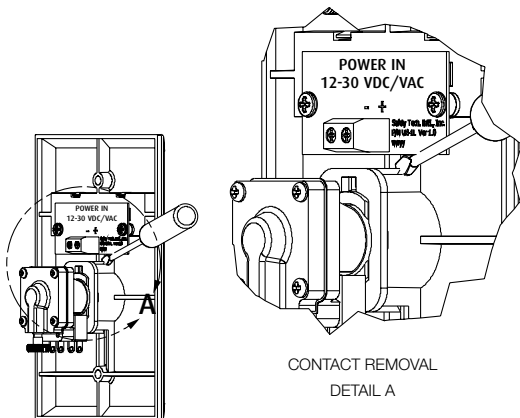## 3. INSTALL OR REMOVE CONTACT BLOCK
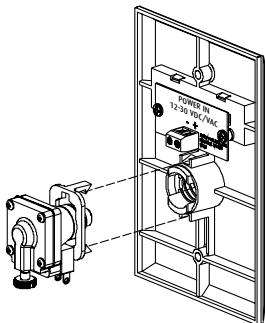
CONTACT INFORMATION

INSTALL

To attach, align tabs (as shown) and gently snap **top, then bottom**. Be sure to hear BOTH tabs snap into place. Contacts can be rotated 180° if desired.

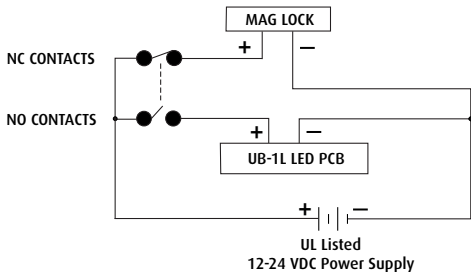

CONTACT REMOVAL
DETAIL A

REMOVE

To remove, use a small flat blade screwdriver. Position screwdriver blade under tab and gently rotate screwdriver until tab disengages. Repeat for opposite tab.
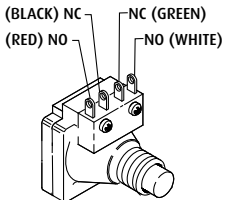
4. ATTACH POWER FOR LED (if desired)
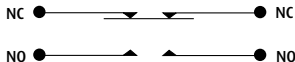
(See drawing)

	NORMAL POSITION	BUTTON ACTIVATED
MAGNETIC LOCK	ON	OFF
MESSAGE LAMP	OFF	ON

CONTACT DIAGRAM

CONTACTS
One set NO and one set NC

SWITCH INFORMATION

COUNTERCLOCKWISE

CLOCKWISE
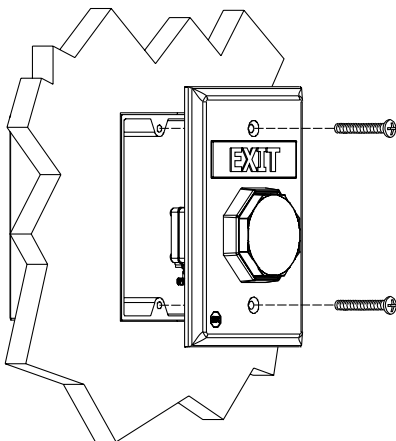
TIMER RANGE ADJUSTMENT SCREW
ADJUSTMENT RANGE - 2 TO 60 SECONDS

TIMER FACTORY SET TO MINIMUM TIME
SETTING. TO INCREASE TIME, TURN
SCREW CLOCKWISE IN 1/4 TURN
INCREMENTS. WHEN CLOSE TO DESIRED
TIME, TURN SCREW IN VERY FINE
INCREMENTS TO DESIRED SETTING.
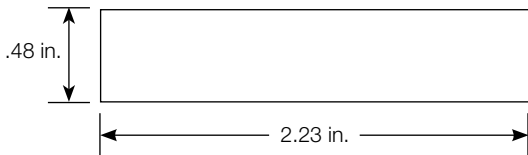**CAUTION:** OVER-TIGHTENING MAY
CAUSE DAMAGE TO TIMER.
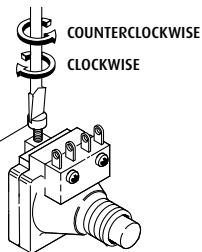
5. MOUNT BUTTON ONTO ELECTRICAL BOX

6. CUSTOM LABELS

To create your own custom label, size to fit in .48h x 2.23w as shown below.
Also available online at: **www.sti-usa.com/ublabel**

.48 in.

|← 2.23 in. →|

ACCESSORIES

DESCRIPTION	PART #
COLORMATCH BACKBOX KIT	KIT-71100A-COLOR
	(red, blue, green, white or yellow)
CUSTOM LABEL APPLIED TO	UB-1CL-COLOR
BLANK MESSAGE PLATES	(blue, green, white or yellow)
24 VOLT LED	
WHITE (STANDARD)	E10147
RED	E10145
BLUE	E10141
GREEN	E10143
12 VOLT LED	
RED	E10144
BLUE	E10140
GREEN	E10142
COVERS	
BOPPER STOPPER	STI-6518
UNIVERSAL STOPPER	STI-13000 SERIES
STOPPER II	STI-1100 SERIES

– SEE WEBSITE FOR COMPLETE COVER DETAILS –

WARRANTY

Three year guarantee against breakage of polycarbonate in normal use (one year on electro mechanical and electronic components).

Electronic warranty form at www.sti-usa.com/wc14.

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