

# STI STOPPER® STATION SERIES



## KEY FEATURES

### General Information

- Multipurpose push button switches cover a wide range of applications both indoors and outdoors.
- Three year guarantee against breakage of polycarbonate in normal use (one year on electro mechanical and electronic components).

### Design

- Unique, curved design helps protect against accidental activation.

### Construction

- Station housing molded of tough polycarbonate.
- UL Listed to U.S. and Canadian safety standards.
- Momentary models used with LT-1UL Latching Timer Module are Listed for access control.
- Stainless steel backplate.
- Push buttons are ADA Compliant (excludes "3" key switch button).

### Installation

- 5VA flammability rating on backplate and spacer.
- Typical working properties of polycarbonate are -40° to 250°F (-40° to 121°C).

### Options

- Your choice of colors — red, green, yellow, white, blue or orange.
- Standard or custom text or hi-res logo.
- Custom text in any language.
- Protect with STI indoor/outdoor protective covers.

## PRODUCT OVERVIEW

These ADA Compliant, multipurpose push button switches cover a wide range of applications both indoors and outdoors. They're called Stopper Stations. They incorporate a unique, patented design that helps dramatically to stop accidental activation. A number of standard models are available or we can create custom units to meet your needs exactly. You have your choice of any of six universal shell colors, several button styles, standard or custom wording and language.

## HOW THEY WORK

Because of their superior, patented design combined with quality construction throughout, you can expect outstanding performance for years to come. In fact, many STI customers are surprised to find that all this quality is available at no increase in price. Plus, customers appreciate the option to protect the switches with STI protective covers that carry a three year guarantee against breakage in normal use, one year on electro mechanical and electronic components. For indoor applications, you can order your Stopper Station with a pre-alarm cover to help stop malicious and accidental activation.

# STI Stopper® Station Series

## Dimensions and Technical Information

### UNIQUE BUTTON FEATURES

#### Models SS2xy0, SS2xy1, SS2xy3, SS2xy4

- Interchangeable or replaceable N.O. or N.C., SPST gold-plated contact blocks rated for 6 amps @ 600 VAC or 1 amp @ 250 VDC.
- Standard switch includes one N.O. and one N.C. contact. Holds up to three individual isolated contacts.
- SS2xy0 and SS2xy1 rated for 6000 operations.
- SS2xy4 rated for 100,000 operations.

**Note:** some standard single gang boxes need additional depth. To add 5/8" depth, order KIT-102722-color (B=blue, G=green, R=red, Y=yellow, W=white, E=orange).

#### Models SS2xy2, SS2xy5, SS2xy9

- Two (2) Form "C" contacts, DPDT, rated 10 amps @ 125/250 VAC, 1/2 HP, 6 amps @ 30 VDC.
- 12-24VAC/VDC LED (LED red, green, and white).\*
- Over 100,000 operations.

#### Model SS2xy6

- Two (2) Form "C" contacts, DPDT, rated 10 amps @ 125/250 VAC, 1/2 HP, 6 amps @ 30 VDC.
- 12-24VAC/VDC LED.\*
- 100,000 operations.

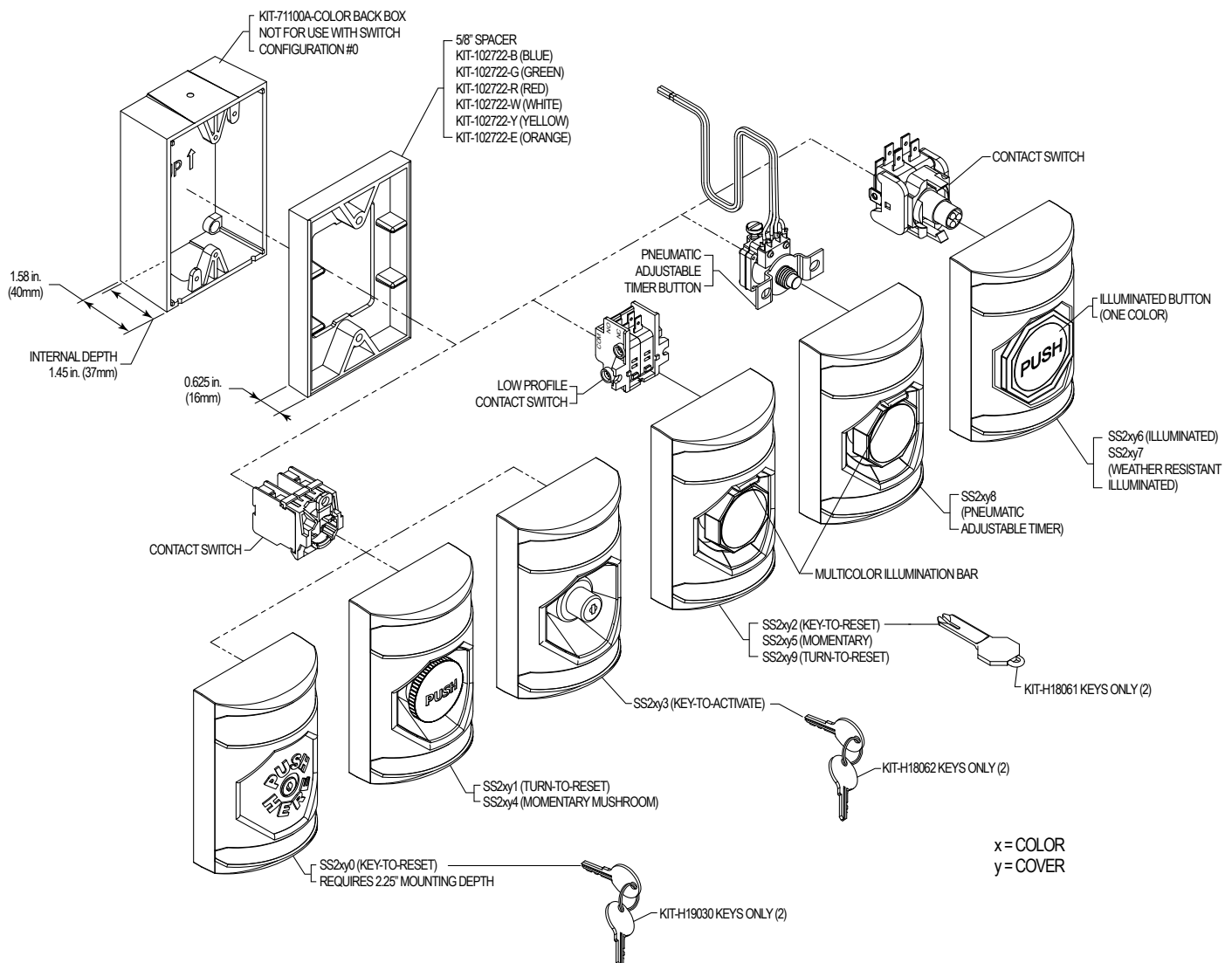
#### Model SS2xy7

- Two (2) Form "C" contacts, DPDT, rated 10 amps @ 125/250 VAC, 1/2 HP, 6 amps @ 30 VDC.
- Operating range -31°F to 150°F (-35°C to 66°C).
- 12-24VAC/VDC LED.\*
- Weather resistant, suitable for indoor or outdoor use without a cover.
- 100,000 operations.

#### Model SS2xy8

- Switch rating 10 amps @ 240 VAC resistive and has a timer range: 2 - 60 seconds (± 15%).
- Indoor use only. Not recommended for outdoor/water applications, temperature range of button 15° to 120°F (-9° to +49°C).
- Timer life of over 1,000,000 operations.
- Pneumatic adjustable timer opens or closes a circuit and has a timed delay before reset. No electricity to operate.
- Ideal for security applications.
- 1 Form Z, 1 N.O. and 1 N.C. contact.

\* Power supply not included



# STI Stopper® Station Series

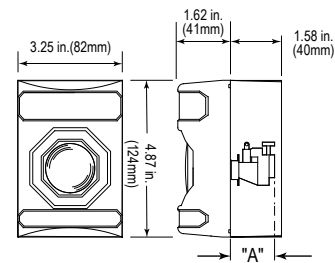
Dimensions and Technical Information

## APPROVALS & WARRANTY

### TESTING

It has been tested and approved or listed by:

- UL/cUL File No. S7255
- Complies with UL 2017. UL Listed for indoor and outdoor use (“8” button indoor only, temperature range 15° to 120°F). When mounting outdoor, must use an STI weather cover.
- UL/cUL Type NM suitable for indoor or outdoor use without a cover (#7 button only)
- UL 294 (models used with LT-1UL)
- CSA C22.2 No. 205
- ADA Compliant (excludes “3” button)



### WARRANTY

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

### Accessories

<b>LT-1UL</b>	UL Latching/Timer Module
<b>KIT-71100A-*</b>	Back box for 2, 5, 6, 7, 8 and 9 switch
<b>KIT-71101A-*</b>	Back box & Spacer Kit for 1, 3 or 4 switch
<b>KIT-E10196</b>	N.O. contact for 0, 1, 3 or 4 switch
<b>KIT-M10197H</b>	Replacement contact holder for 0, 1, 3 & 4 switch
<b>KIT-E10198</b>	N.C. contact for 0, 1, 3 or 4 switch
<b>KIT-102720-*</b>	Stackable 10mm Spacer, European and US Mounting
<b>KIT-102722-*</b>	Plastic Spacer - adds 5/8" depth
<b>KIT-H19030</b>	Two Extra Keys for 0 switch
<b>KIT-H18061</b>	Two Extra Keys for 2 switch
<b>KIT-H18062</b>	Two Extra Keys for 3 switch
<b>KIT-E10197H</b>	Pack of two contact switch holders, one N.O. and one N.C. for 0, 1, 3 or 4 switch

### “A” - Contact Depth

SS2xy0*	2.16"
SS2xy1	2.04"
SS2xy2	1.00"
SS2xy3*	2.13"
SS2xy4	2.04"
SS2xy5	1.00"
SS2xy6	.875"
SS2xy7	.875"
SS2xy8	1.4"
SS2xy9	1.00"

\* If extra depth needed in electrical box order KIT-102722-color.

\* R=red, B=blue, G=green, Y=yellow, W=white, E=orange

Covers to protect your STI Stopper Station from damage or weather and to help stop malicious or accidental activation.



Stopper® Station Shield  
(Cover 2, A)

This inexpensive and highly durable cover, with or without alarm, was invented to mount directly onto the Stopper Station series of buttons with two tabs that snap into the Stopper Station shell. It takes hard knocks in stride while protecting the button against vandalism, damage and accidental activation. Ideal for use when space is limited.

No labeling can be placed on the Stopper Station shield.



Universal Stopper®  
(Covers 3, 4, 7, 8)

This indoor/outdoor cover helps stop false fire alarms and can protect Stopper Stations against damage as well as malicious or accidental activation. It consists of a clear polycarbonate shield that fits easily over any STI Stopper Station model. When it is lifted to gain access to the Stopper Station, the optional piercing 105 dB warning horn sounds. Legitimate activation is not affected. The protective cover options include: dome or low profile, with or without horn, flush mount, surface mount.

Additional labeling may be placed on the Universal

### Note:

Stopper Station #7 button is UL/cUL Listed for outdoor use without a cover. All others are approved for outdoor use with an outdoor rated protective cover. Excludes pneumatic button.

# STI Stopper® Station Series

## Dimensions and Technical Information

### COLOR

- 0. Red
- 1. Green
- 3. Yellow
- 3. White
- 4. Blue
- 5. Orange

### COVER

- Flush**
- 3. Universal Stopper, label shell\*
  - 4. Universal Stopper, horn\*
- Surface**
- 7. Universal Stopper, label shell\*
  - 8. Universal Stopper, horn\*
- Flush or Surface**
- 2. Shield
  - A. Shield with sound
  - 0. No Cover

\*Orange coming soon

### SWITCH CONFIGURATION

- 2. Key-to-Reset (Illuminated Bar)
- 5. Momentary (Illuminated Bar)
- 9. Turn-to-Reset (Illuminated Bar)
- 8. Pneumatic (Illuminated Bar)\*\*
- 6. Momentary (Illuminated)
- 7. Weather Resistant Momentary (Illuminated)
- 0. Key-to-Reset\* \*\*\*
- 1. Turn-to-Reset \*\*\*
- 3. Key-to-Activate \*\*\*
- 4. Momentary \*\*\*

\*Not available in orange

\*\* Switch 8 not recommended for outdoor/water applications, temperature range 15°F to 120°F.

\*\*\* Switch 0, 1, 3, 4 may require spacer SUB-102722 (color) to accommodate depth or a deep single-gang box.

SS2 -

### LANGUAGE

- EN = English
- ES = Spanish
- FR = French
- ZL = Other Language

### TEXT

- AB = ABORT
- EM = EMERGENCY
- EX = EMERGENCY EXIT
- PO = EMERGENCY POWER OFF \*
- ES = EMERGENCY STOP
- EV = EVACUATION
- XT = EXIT
- PS = FUEL PUMP SHUT DOWN \*
- HV = HVAC SHUT DOWN
- LD = LOCKDOWN
- PX = PUSH TO EXIT
- NT = No Text
- ZA = Custom Text

\* Not available with pneumatic #8 button

**CUSTOMIZE YOUR TEXT - text option ZA** White text on blue, red and green; black text on yellow, white and orange.

CUSTOM TEXT FOR TOP OF SHELL:

2 LINES, 20 CHARACTERS EACH (INCLUDES SPACES)

ST1																			
ST2																			

CUSTOM TEXT FOR BOTTOM OF SHELL:

1 LINE, 20 CHARACTERS (INCLUDES SPACES)

SB																			
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CUSTOM TEXT COVER 3, 4, 7, 8:

2 LINES, 40 CHARACTERS EACH (INCLUDES SPACES)

C1																				
C2																				

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