

STI StopperSwitches®



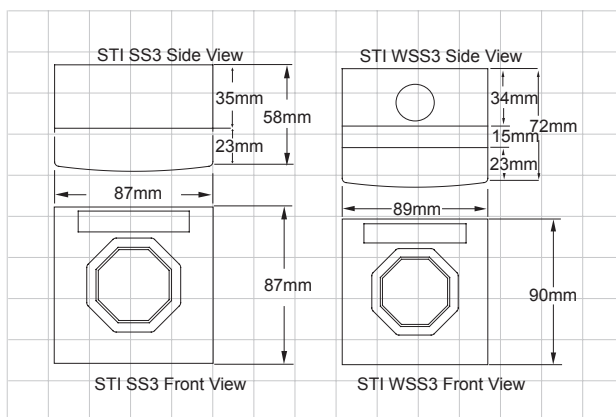
PRODUCT OVERVIEW

A highly versatile range of attractive switches combining unique design, quality and value, with or without a protective cover or pre-alarm. These aesthetically appealing, low/high voltage switches fit any standard UK-type switch socket box, and are quick and easy to install.

- **StopperPush** (SS3 & WSS3) – Models are for applications where momentary push-and-release activation is desired.
- **StopperLatch** (SS3 & WSS3) – Models are for applications where repeat activation must be controlled. Once the switch has been manually activated, it can only be reset by inserting a special key.
- **StopperKey** (SS3) – Models are for applications where casual activation is discouraged. The switch can only be activated with a key.

All models are available in a variety of colours with space for corporate branding, function marking and operating instructions. A number of standard models are available for quick delivery but enquiries for custom models are welcomed. The WSS3 is specially designed for use within harsh environment; the push buttons are ideal for outdoor applications such as oil rigs, ships, factories and wash-down areas.

It is advisable to protect your StopperSwitches (indoors or outdoors) with an STI Stopper®. The protective cover consists of a tough polycarbonate material and is available with or without integral sounder. The cover adds an extra measure of protection against damage and accidental activation. In weather exposed areas or harsh environmental conditions further protection can be achieved by shielding the StopperSwitch with the STI Weather Stopper®.



Push Button Models: Technical Specifications

Current Carrying Capacity (non switching)	3A 12-24V DC / 6A 125-250V AC
Electrical Contact Material	Silver plated brass
Housing & Back Box Material	Polycarbonate
Terminal Conductor Size	0.5mm - 2.5mm
Operating Temperature	-20°C to 65°C (-4°F to 149°F)
Mounting	Flush or surface with back box

KEY FEATURES

General Information

- Highly versatile range of attractive switches combining unique design, quality and value, with or without a protective cover or pre-alarm.
- One year guarantee on electromechanical and electronic components.

Design

- Inset design on the push button helps stop accidental activation.

Construction

- Extremely attractive, high value look and feel: space available for corporate branding, function marking and operating instructions.

Installation

- Surface mounted reversible back box: 20mm conduit entry points are provide for ease of installation.
- Operating temperature -20°C (-4°F) to 65°C (149°F).

Electronics

- Wide range of operating voltages up to 250 volts AC 6 Amps: Rated 3A, (12-24 VDC) & 6A, (125 250 VAC).

Options

- Waterproof push button option - IP67.
- Low profile, heavy-duty terminations - available in SPC & DPC arrangements.
- Further protection to the life of your StopperPush by installing an integral cover.
- Alternative Stopper® covers are also available.



For more information, call +44 (0)1527 520 999 or visit www.sti-europe.com



**Safety Technology
International (Europe) Ltd**

STI StopperSwitches

Dimensions and Technical Information

BUILD YOUR OWN MODEL

Prefix Options:

SS3 - StopperSwitch
WSS3 - Waterproof StopperSwitch IP67

Colour & Mounting Options:

0 = Red (Flush)
1 = Red with back box (Surface)*
2 = Green (Flush)
3 = Green with back box (Surface)*
4 = Yellow (Flush)
5 = Yellow with back box (Surface)*
6 = White (Flush)
7 = White with back box (Surface)*
8 = Blue (Flush)
9 = Blue with back box (Surface)*
* Model available in IP67

Switch Type Options:

0 = Push Button Key to Reset*
1 = Push Button Momentary*
2 = 2 Position Key Switch Single Pole
3 = 2 Position Key Switch - Key Trapped in 'on' position
4 = 2 Position Key Switch Double Pole
5 = 3 Position Key Switch
6 = Push Button Pneumatic (Single Pole only)
* Model available in IP67

Electrical Arrangement Options:

0 = Single Pole Changeover*
1 = Double Pole normally open (Key Switch only)
2 = Double Pole normally closed (Key Switch only)
3 = 3 Position Key Switch Arrangement
4 = Double Pole Changeover (Push Button only)*
* Model available in IP67

Label Options:

A = Panic Alarm
B = Emergency
C = In Case of Emergency
D = Emergency Exit
E = Exit
F = Power Off
G = Emergency Power Off
H = Shut Down
X = For Custom Marking

If Custom Marking is required, please print in the boxes below, markings require a maximum of 20 characters including spaces

Key Switch Models

Proof Voltage	>750 VDC
Current Carrying Capacity (non switching)	5A
Contact Rating (Switching Resistive Load)	5A 115V AC/ 3A 50V DC
Insulation Resistance	>999M0hm
Initial Contact Resistance	<20m0hm
Minimum Operating Life	10,000 cycles
Contact Material	Silver plated brass
Terminal Material	Plated brass
Housing & Back Box Material	PC/ABS
Terminal Conductor Size	0.5mm - 2.5mm
Operating Temperature	-20°C to 65°C

Switch Type Options

0-1



2-5



6



Electrical Arrangement Options

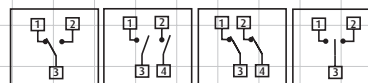
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1

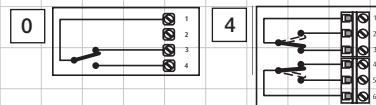
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3

Key Switches



Push Buttons



Covers Available



Integral Cover
Designed to fit directly to the cover of the button, preventing accidental activation.



Call Point Stopper®
Designed to retrofit over MCPs and buttons, preventing accidental activation.



Euro Stopper®
Designed to retrofit over MCP's and buttons, preventing both accidental or malicious activation, available with or without an integral alarm.



Stopper®
Designed to retrofit over MCPs and buttons, preventing both accidental or malicious activation, available with or without an integral alarm.



Weather Stopper®
Designed to retrofit over MCPs and buttons, preventing accidental or malicious activation, as well as protecting against general weather conditions.



Enviro Stopper®
Designed to protect MCPs and buttons, when used in harsh environments, the unit also protects against accidental or malicious activation. The unit is available with or without an integral alarm.



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