

TOUCH SENSE EXIT DEVICES

Unique Touch Sensitive Exit Devices For Use With Magnetic Locks



TSB-3CL Clear Finish

TSB-3BK Black Finish



TSH-CL Clear Finish



TSH-BK Satin Black Finish

OVERVIEW

On **magnetically locked, non fire-rated doors**, most building codes require an exit device that does not require any **special tools or knowledge**. Securitron's patented Touch Sense Bar is the perfect device for this requirement. The simple act of touching the bar (even through gloves or clothing) trips an electronic sensor which immediately releases the lock.

The Touch Sense Bar is the ultimate in **egress reliability** and safety. Having no moving parts, it does not suffer mechanical wear and no pressure is required for use which provides superior egress safety for frail or disabled persons.

The model TSH, **Touch Sense Handle** is intended for use on inswinging doors or aluminum frame glass doors when a less obtrusive appearance is desired.

EASY INSTALLATION ON ANY DOOR

The TSB-3 and TSH come complete with fastener sets allowing quick and strong installation **on metal, aluminum-frame glass or wood doors** of all types. A **stainless steel door cord** is supplied with both products to route wiring (**16 ft. cable supplied**) off to the door frame. The Touch Sense Bar is offered in three standard door opening widths (**36", 42" and 48"**). For a non-standard opening width, the TSB-3 can be **easily cut down in the field**. The Model **TCP accessory bracket** aids the retrofit installation of the Touch Bar on aluminum doors by covering up mounting holes used by a Jackson or Dor-o-Matic mechanical bar which may have been previously mounted.

The **Touch Sense Handle** is sized to cover up existing mounting holes used for standard pulls on aluminum doors. It is employed to **pull open inswinging doors** or as an **alternate push-open device for outswinging doors** which provides a different look on aluminum frame glass doors. The Touch Sense Handle includes two legend plaques which state PULL or PUSH or which may be reversed to show a black or



Typical installation on aluminum frame glass door with Model 62 Magnalock®, DK-26SS Digital Entry and TSB-3CL Touch Sense Bar.

TSB/TSH SERIES

Meets "No Tools or Knowledge" Code Requirements

INTEGRATION WITH ACCESS CONTROL

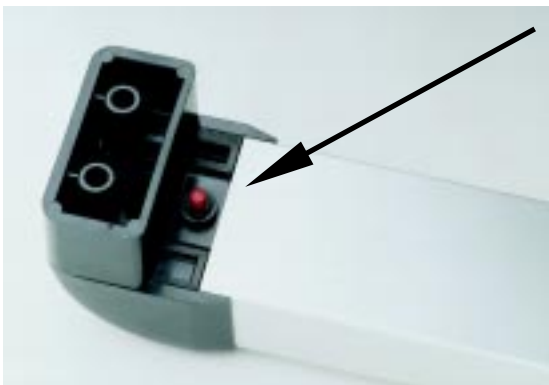
Many applications call for controlled entry from the outside of the door and **free egress from the inside**. Use of the Touch Bar or Touch Handle as the egress device makes this simple, safe and reliable. The units each have a **double pole relay output**. The NC contacts are wired to directly break power to the magnetic lock when the unit is touched. The NO contacts connect to the REX (**request to exit**) terminals in the access system controller so that no alarm event is created during free egress. Extra safety is achieved because in the event of a failure in the access control system, the Touch Bar or Touch Handle will still directly release the lock. This "double break" approach is increasingly being mandated in U.S. building codes.



Model TSH-BK mounted on an inswinging aluminum frame glass door.

REDUNDANT OPERATION

While the Touch Bar and Handle feature **no-moving-parts electronic reliability**, they go beyond by providing a second independent release circuit. A push button provides backup lock release function in the event of any sensor failure. This fits into the modern safety engineering concept of eliminating the possibility of functional failure if any single device fails. It's another example of the careful thought and concern for user safety that has gone into Securitron's design.



Both the TSB-3 and TSH include a backup release circuit, via a push button and reference label.

TECHNICAL DATA

- Power:** 12-24 volt AC or DC
- Current Drawn:** 5mA at rest, 25mA active
- Contacts:** DPST (NC & NO) 1 Amp at 24 volts
- Wire:** 6 conductor, 22 gauge, 16 ft. provided
- Finishes:** Clear anodized (US 628), Black anodized (US 335)
- Patent:** U.S Patent #4,871,204.
- Listings:** TSBs are **UL Listed** as a part of Securitron's locking systems for exit doors. SA6635 & BP7041, US and Canada. They are **UL Recognized** for use with any electromagnetic lock.

ORDERING INFORMATION

TSB SERIES

- TSB-3CL** (36-inch door opening, clear finish)
- TSB-3BK** (36-inch door opening, black finish)
- Add '42' for 42-inch openings or '48' for 48-inch door openings
- The TSB-3 series may be **easily field cut** to accommodate varied door openings.

TCP-CL or BK (clear or black retrofit accessory bracket pair to cover up mechanical bar mounting holes)

TSH SERIES

- TSH-CL** (clear finish)
- TSH-BK** (black finish)

Part Number	Description	Price
TSB-3CL	Touch Sense Bar Clear Anodized 36in.	\$340.00
TSB-3BK	Touch Sense Bar Black Anodized 36in.	\$350.00
TSB-3CL-42	Touch Sense Bar Clear Anodized 42in.	\$340.00
TSB-3BK-42	Touch Sense Bar Black Anodized 42in.	\$350.00
TSB-3CL-48	Touch Sense Bar Clear Anodized 48in.	\$340.00
TSB-3BK-48	Touch Sense Bar Black Anodized 48in.	\$350.00
TSH-BK	Touch Sense Handle Push-Pull Satin Black Alum.	\$350.00
TSH-CL	Touch Sense Handle Push-Pull Clear Alum.	\$340.00
CAB-6	16ft 6 Conductor Cable With Connector	\$50.00
TCP-CL	Cover Plates For Touch Bar Mounting Set Of 2 Clear	\$40.00
TCP-BK	Cover Plates For Touch Bar Mounting Set Of 2 Satin Black	\$40.00
TSB-C	Door Cord w/Gray & Black Caps 18" Cord	\$15.00

