



PUSH PLATES

Stainless steel actuator switches
8310-818, -852, -853, -855, -856

DESCRIPTION



4.5" ROUND

Logo: 8310-856
Text & Logo: 8310-856T
4.5" x 0.62"



4.75" SQUARE

Logo: 8310-853
Text & Logo: 8310-853T
Text & Alt. logo: 8310-853TA
4.75" x 4.75" x 0.62"



6" ROUND

Logo: 8310-852
Text & Logo: 8310-852T
Text & Alt. logo: 8310-852TA
6" x 0.62"



JAMB

Logo: 8310-818
Text & Logo: 8310-818T
1.5" x 4.75" x 0.62"



VESTIBULE

Text & Logo: 8310-855
4.75" x 4.75" x 0.62"

ACCESSORIES

BOLLARDS



BOXES



TRANSMITTERS & RECEIVERS

433 MHz

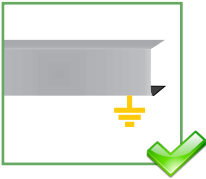


READ BEFORE BEGINNING INSTALLATION/PROGRAMMING/SET-UP

PRECAUTIONS



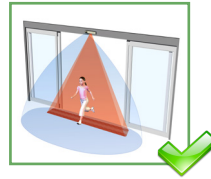
- ❑ Shut off all power going to header before attempting any wiring procedures.
- ❑ Maintain a clean and safe environment when working in public areas.
- ❑ Constantly be aware of pedestrian traffic around the door area.
- ❑ Always stop pedestrian traffic through the doorway when performing tests that may result in unexpected reactions by the door.
- ❑ *ESD (electrostatic discharge)*: Circuit boards are vulnerable to damage by electrostatic discharge. Before handling any board, ensure you dissipate your body's ESD charge.
- ❑ Always check placement of all wiring before powering up to ensure that moving door parts will not catch any wires and cause damage to equipment.
- ❑ Ensure compliance with all applicable safety standards (i.e. ANSI A156.10) upon completion of installation.
- ❑ DO NOT attempt any internal repair of the components. All repairs and/or component replacements must be performed by BEA, Inc. Unauthorized disassembly or repair:
 1. May jeopardize personal safety and may expose one to the risk of electrical shock.
 2. May adversely affect the safe and reliable performance of the product resulting in a voided warranty.



The door control system and the header cover profile must be correctly grounded.



Only trained and qualified personnel are recommended to install and set up the sensor.



Always test the proper operation of the installation before leaving the premises.



The warranty is invalid if unauthorized repairs are made or attempted by unauthorized personnel.

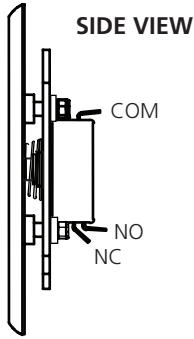
MAINTENANCE

Clean the push plates using only a damp, non-abrasive cloth.

Regular cleaning with harsh solvents or abrasive materials may cause deterioration of the paint or coating.

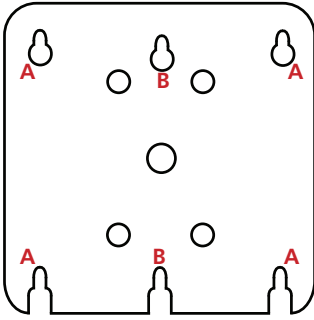
MOUNTING & WIRING

1



Wire the push plate to the door controller or radio-controlled transmitter using the NO and COM contacts.

2



NOTES:

If using any of the following, the plate/bracket/ring must be installed before securing push plate to the box:

- **adapter plate** (10BRINGC for double-gang boxes and 50.5016 for vestibule plates)
- **bracket** (10PBRACKET or 10PBRACKETCA for surface-mounting)
- **weather ring** (10WRSQ475, 10WRRND45, 10WRRND6)

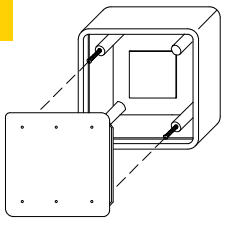
Thread each hex-head screw $\frac{3}{4}$ of the way into the electrical enclosure. Leave about $\frac{1}{2}$ " of the screw unthreaded.

The 6" and 4.75" push plates contain 2 sizes of screws:

larger screws = corner locations on 4x4 electrical type boxes (A above)

smaller screws = single-gang or double-gang electrical type boxes (B above)

3



Install the push plate onto the box, aligning the applicable key-holes with the hex screws. Slide the push plate down, and then secure the push plate to the box by tightening the screws using the provided hex key.

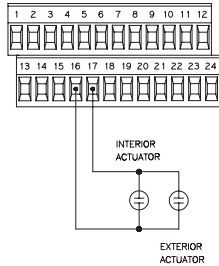
4



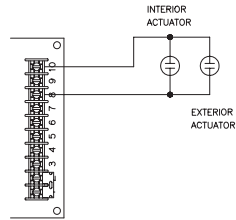
Test for proper push-plate activation.

8310 SERIES
HARDWIRED ACTUATOR
SINGLE DOOR WIRING

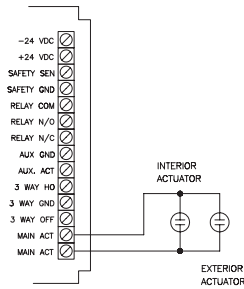
4630/4640 SERIES
ELECTRIC AUTO-EQUALIZER



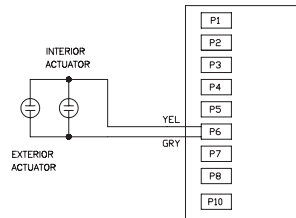
7900 SERIES
PNEUMATIC AUTO-EQUALIZER



9100 SERIES
BENCHMARK



SENIOR SWING – 2800/9500 SERIES
MID SWING – 2900/9700 SERIES



INSTALLATION/SERVICE COMPLIANCE EXPECTATIONS

The sensor manufacturer cannot be held responsible for incorrect installations or inappropriate adjustments of the sensor/device; therefore, the sensor manufacturer does not guarantee any use of the sensor outside of its intended purpose.

The sensor manufacturer strongly recommends that installation and service technicians be AAADM-certified for pedestrian doors, IDA-certified for doors/gates, and factory-trained for the type of door/gate system.

Installers and service personnel are responsible for executing a risk assessment following each installation/service performed, ensuring that the sensor system installation is compliant with local, national, and international regulations, codes, and standards.

Once installation or service work is complete, a safety inspection of the door/gate shall be performed per the door/gate manufacturer recommendations and/or per AAADM/ANSI/DASMA guidelines (where applicable) for best industry practices. Safety inspections must be performed during each service call – examples of these safety inspections can be found on an AAADM safety information label (e.g. ANSI/DASMA 102, ANSI/DASMA 107).

Verify that all appropriate industry signage and warning labels are in place.



Do not leave problems unresolved. If a satisfactory solution cannot be achieved after troubleshooting a problem, please contact Allegion at 1-877-671-7011. If you must wait for the following workday to call Allegion, leave the door inoperable until satisfactory repairs can be made. Never sacrifice the safe operation of the automatic door or gate for an incomplete solution.

For more information, visit www.allegion.com.

