DEVICES COVERED IN THIS DOCUMENT:

2-659-0161	2-659-0170	2-659-0242
2-659-0162	2-659-0172	2-659-0358
2-659-0165	2-659-0173	2-659-0357
2-659-0166	2-659-0175	
2-659-0169	2-659-0176	

1. DESCRIPTION

PUSH PLATE MODELS

	4.5" ROUND	4.5" SQUARE	6" ROUND	6" SQUARE	VESTIBULE	JAMB
dimensions:	W: 4 1/2" H: 4 1/2" D: 5/8"	W: 4 1/2" H: 4 1/2" D: 5/8"	W: 6" H: 6" D: 5/8"	W: 6" H: 6" D: 5/8"	W: 4 3/4" H: 4 3/4" D: 5/8"	W: 1 1/2" H: 4 3/4" D: 5/8"
switch rating:	SPDT (15A @ 125 or 250 VAC)					
LOGO	2-659-0166 	2-659-0173 	2-659-0162 	2-659-0170 		2-659-0176 
TEXT & LOGO	2-659-0165 	2-659-0172 	2-659-0161 	2-659-0169 	2-659-0242 	2-659-0175 
TEXT & ALTERNATE LOGO		2-659-0357 	2-659-0358 			

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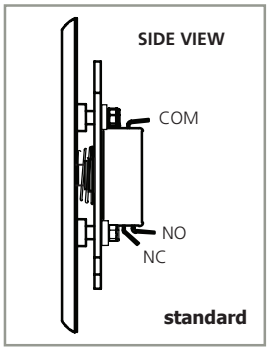
2. PRECAUTIONS

- ❑ 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.

3. MOUNTING & WIRING

1. Mark and drill the appropriate holes for mounting.
   4.5" square plates: face plate must be removed before wiring (using Phillips screwdriver)
2. Wire the push plate to the door controller or radio-controlled transmitter using the NO and COM contacts (see image A, right).

A

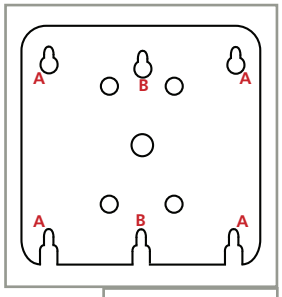


NOTE: The following accessories must be installed before securing push plate to the box:
- adapter plate (2-659-0241 for double-gang boxes)
- weather ring (2-659-0168 for 4.5" round plates, 2-659-0164 for 6" round plates)

3. For all push plates except the 4.5" square, thread each hex-head screw 3/4 of the way into the electrical enclosure. See image B, right. Leave about 1/2" of the screw unthreaded. See note below for type of screw to use.

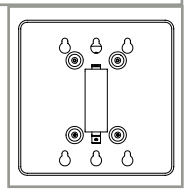
   4.5" square plates (see image C, right)**:** requires #6 Phillips screws for both single- and double-gang installations. Once the back plate is secured, the face plate must be reattached.

B



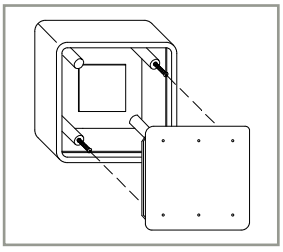
6" square shown here

C



4. Install the push plate onto the box (see image D, right), aligning the applicable keyholes 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.
5. Test for proper push-plate activation.

D



6" square shown here

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4. MAINTENANCE

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

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

5. ACCESSORIES

BOLLARDS

2-659-0180 – black
2-659-0181 – bronze
2-659-0182 – silver

BOXES & BRACKETS

2-659-0167
4.5" round

2-659-0163
6" round

2-659-0177
jamb

2-659-0174
4.5" square

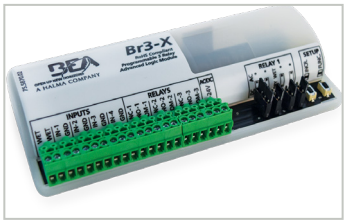
2-659-0171
6" square

2-659-0243
4.75" square

433 MHZ TRANSMITTERS & RECEIVERS

2-659-0183 – receiver
2-659-0184 – one-button, 3V, hardwired transmitter
2-659-0185 – one-button, 9V, hardwired transmitter
2-659-0186 – one-button, wireless transmitter

LOGIC MODULE



2-659-0240

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.