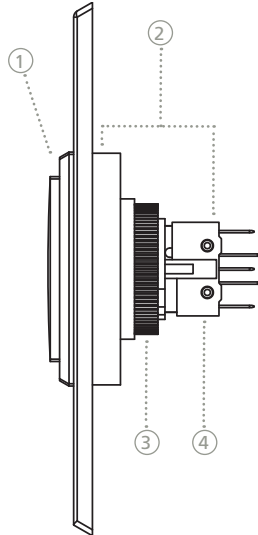
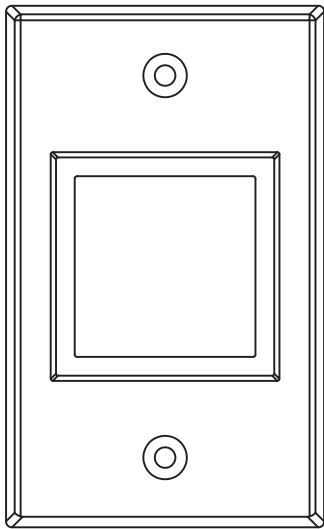


# ACCESS CONTROL PUSH BUTTON

Request-to-exit push button switch



Visit website for available languages of this document.



1. lens cover assembly
2. bulb assembly
3. stabilizing ring
4. switch

## TECHNICAL SPECIFICATIONS

### SWITCH

Voltage max.: 125/250 VAC

Current max.: 10 A

Power max.: 373 W

Electrical config.: SPDT

### BULB

Input voltage: 28 VDC (14VDC, optional)

Current: 16mA  $\pm$ 10%, 12V

*Specifications are subject to change without prior notice.  
All values measured in specific conditions.*

## INCLUDED HARDWARE

- standard mounting screws (2)
- bulb, 28V (1)
- bulb, 14V (1)
- butt-splice connectors (5)
- interchangeable lenses (9)

## PRECAUTIONS



### CAUTION

- ❑ 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.

## BEA, INC. INSTALLATION/SERVICE COMPLIANCE EXPECTATIONS

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

BEA, Inc. 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/device system performance 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's 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, UL294, UL325, and International Building Code).

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



## WIRING

Make electrical connections with wires provided or directly to switch terminals.

	COLOR	DESCRIPTION
BULB	RED	V +
	BLACK	V -
SWITCH	BLUE	N.O.
	YELLOW	N.C.
	GREEN	COM

*The ACPB comes packaged with 5 butt-splice connectors. Press the header of a connector to a even position with a crimper or pliers.*

## CHANGE BULB

The ACCESS CONTROL PUSH BUTTON is packaged with the 28V bulb already installed. If you desire to change to the 14V option (supplied), use the following instructions:

1. Twist the black stabilizing ring counter-clockwise to remove from the assembly.
2. Twist the bulb assembly clockwise to detach from the lens cover.
3. Gently pull the 28V bulb to remove from the bulb socket.
4. Insert the 14V bulb into the bulb socket.
5. Reassemble components in reverse order.



**Be aware that supplying the 14V bulb with 15V or more will cause irreparable damage to the switch.**

## CHANGE LENS COVER

The ACCESS CONTROL PUSH BUTTON is packaged with 9 interchangeable lens covers. If you desire to change the lens cover, use the following instructions:

1. Twist the black stabilizing ring counter-clockwise to remove from the assembly.
2. Twist the bulb assembly clockwise to detach from the lens cover.
3. From the inside, gently push the white lens cover assembly to separate it from the black lens bracket.
4. Carefully pull on the clear cover to detach it from the lens cover assembly. Do not use tools to pry apart, as it will damage the lens cover.
5. Place the desired lens cover inside and position the cover on the lens covers assembly, and push it in until you hear it snap into place.
6. Reattach the lens cover assembly to the lens cover bracket, and reassemble the components in reverse order.



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