



BEA ARCHITECTURAL SPECIFICATION SHEET

Automatic Door Solutions: Push Plate – LPR36 Vertical Actuator Bar (Wireless)

Product Specifications

Vertical actuation bar shall be a UL listed assembly that utilizes 4 redundant membrane switches and provide greater than 200 square inches of activation area. Push Plate for sliding, swinging, folding and revolving doors.

Device shall not require a force to activate that is greater than 2 pounds of pressure, and shall not have horizontal movement greater than 3/16 in. (.47 cm) along the vertical plane.

1. 6 in. (15.24 cm) wide by 36 in. (91.44 cm) high activation area. Capable of being activated from any angle
2. Faceplate shall be constructed of 304-grade stainless steel and covered with a clear, fingerprint resistant powder coat.
3. Back-plate shall be constructed of 1/8" (.31 cm) thick extruded aluminum
4. 900MHz or 433MHz transmitter to be pre-wired at the factory and housed within an ABS end cap.
5. Thermal Range Requirements: Provide touch-activation device that can be used in all climates, allow for thermal range from - 32°F (-35°C) to 212°F (100°C).
6. Vertical Actuation Bar shall have flat face to allow activation of the entire assembly width. Vertical edges to be tapered with friction-fit to be weather resistant and prevent impact from objects and vandalism.
7. Low voltage membrane switch: 100 milliamps, .1 to 50 VDC, 1 Watt

Model 10LPR36-433 – Hardwired only, marked with two (2) Handicapped Logos and PUSH TO OPEN

Model 10LPR36L-433 – Hardwired, (2) large handicapped only

Model 10LPR36-900 – Hardwired only, marked with two (2) Handicapped Logos and PUSH TO OPEN

Model 10LPR36L-900 – Hardwired, (2) large handicapped only

Note To Specifier: Product to be specified with one (1) 433 or 900 MHz receiver per door operator. Product included factory installed wireless transmitter of desired frequency.

BEA Inc.
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100 Enterprise Drive
Pittsburgh, PA 15275-1213

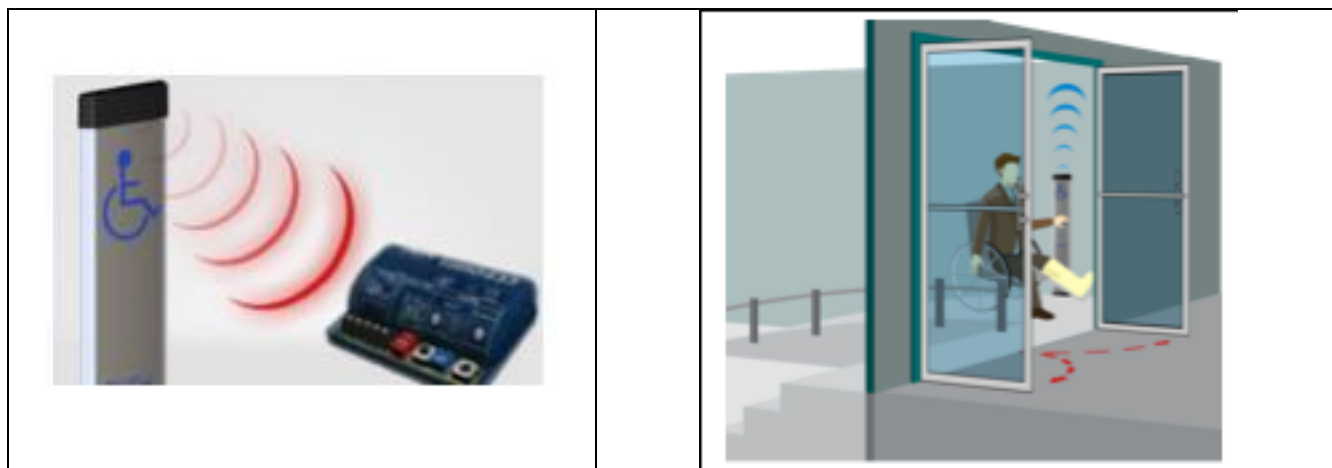
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Product image and Application Photo



Technical Specs:

Switch Traces	FR4 Gold Plated
Membrane Switches	3M 7993MP
Base Plate	Aluminum

Faceplate	Stainless Steel
Switch Actuator	Nylon 6/6
End Cap	UL94 ABS

Technical Specs: Hard wired

Contact Configuration	SPST N.O.
Switching Voltage	.1 to 50 VDC
Switching Capacity	1 Watt
Switching Current	.005 to 100 mA DC
Contact Bounce	< .3 ms make; < .6 ms break

Trip Force	1.5 lbs
Two Conductor Cabling	24 awg 7 x 32 stranding UL 1007
Operation Temperature	-32° F to 212° F -35° C to 100° C
Contact Life	2 million cycles
Transmitter Frequency	300, 433 or 900 MHz

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900 MHz Tech Specs

900 MHz Wireless Receiver	
Frequency Range	908 – 918 MHz
Channels	3 channels, frequency hopping
Digital Modulation	Frequency Shift Key
Data Rate	Programmable
Capacity	Capable of 74 unique transmitters
Signaling	2 LEDs, learn and activation
Sync Management	1 LED, range finding signal strength smart LED
Certifications	FCC Part 15, IC
RF Antenna	1/2 wavelength external RF antenna
Receiver Power	12 - 24 V AC/DC
Contact Relays	1 relay
Maximum Switch Power	120 VAC @ 0.5 amp 60 VDC @ 0.3 amp
Power Consumption	40 mA 24 VDC @ 1 amp
Dip Switches	3 dip switches

900 MHz Wireless Transmitters	
Frequency Range	908 – 918 MHz
Channels	3 channels, frequency hopping
Activation Buttons	Hardwired: 1 Wireless: 1, 2, 3, or 4
Range	Hardwired: <i>Signal strength may vary per application. Contact technical services for more information.</i> Wireless: < 500 feet – Open Air
Power	Hardwired: 2 AAA batteries @ 3 VDC Wireless: 1 Lithium Ion coin battery @ 3 VDC
Signaling	1 LED, Transmit
Battery Life	300,000 activations
Certifications	FCC Part 15, IC
Operating Temperature	14°F (-10°C) to 131° F (55°C)
Power Consumption	30 mA
Emitted Radio Power	-25 dBm

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Behavior Settings	Learn, Delay, Activation, Hold time
Potentiometer	0 to 30 second delay

433 MHz Wireless Technical Specs:

Frequency	433 MHz
Radio Control Type	Digital
Emitted Radio Power	-28.7 dBm (transmitter)
Power Consumption	3 mA (transmitter); 30 mA (receiver)
Input Voltage	12 to 24 VAC / VDC
Contact Rating	1.0 A @ 30 VDC 0.5 A @ 125 VAC 0.3 A @ 60 VDC
Operating Temp Operating Temp (cont.)	14°F to 131°F -10°C to 55°C
Max. Transmitters per Receiver	100 transmitters
LED Functionality Blue Red	Relay Activity Receiver/Transmitter Learn
Dimensions (LxWxH) Receiver	2.75" × 2.125" × 1.0" (7.0 cm x 5.38 cm x 2.54 cm)
Transmitter	2.75" × 1.375" × 0.6" (7.0 cm x 3.49 cm x 1.52)
Certifications	CE, FCC, IC

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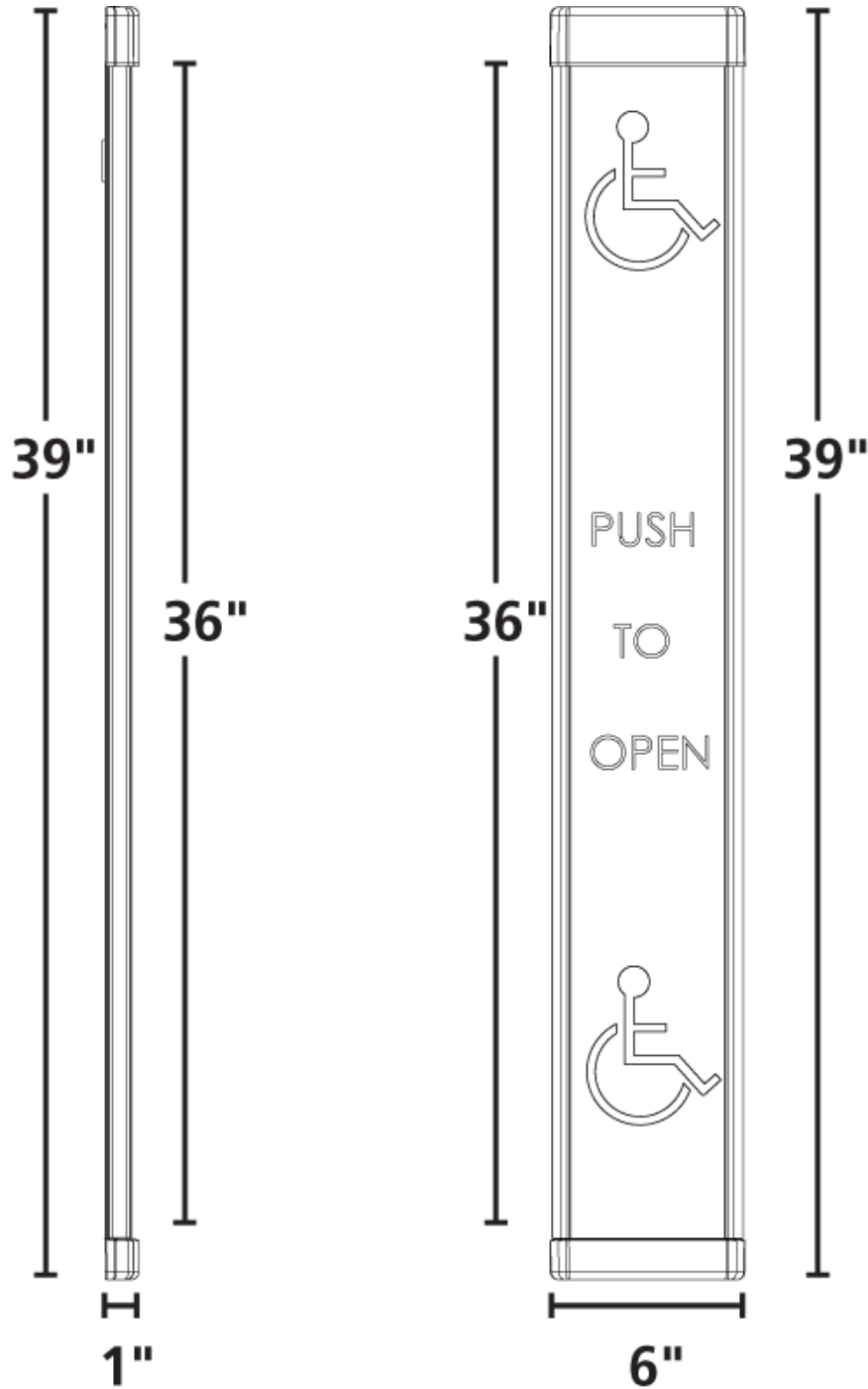


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Dimensions:



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