

PART 1 - PRODUCTS

1.01 AUTOMATIC ENTRANCE DOOR "KNOWING ACT" ACTIVATING SWITCH

- A. Acceptable Manufacturer: Optex Technologies Inc, 3882 Del Amo Blvd Suite 604, Torrance, CA, 90503, 800-877-6656. www.ot-inc.com. No substitutes accepted.

1.02 PRODUCT

- A. Product shall be: Optex Air-Wave, Passive Infrared technology wireless and touchless sensors.

- B. Dimensions:

Transmitter: 3.22 inches wide by 4.12 inches tall by 4.5 inches deep.

Receiver: 3.5 inches wide by 5.2 inches tall by 1.1 inches deep.

- C. Optional accessories: Optex TS10U Hand Held Transmitter.
Optex Air-wave Foot Sticker

- D. Frequency: 418 MHz

- E. Operating Temperature: 15 degrees to 120 degrees

- F. Power Requirements: Receiver, 12- 24 VAC or VDC
Transmitter, 9 Volt Battery

- G. Mounting Height:

- 1. Standard: 7'-0" to 10'-0"

- H. Finish: White.

PART 2 - EXECUTION

1.1.1 INSPECTION

- A. Examine conditions for compliance with requirements for installation tolerances.

1.01 INSTALLATION

- A. Do not install damaged components.

1.01.1 On-site installed units.

- A. Install surface mounted units on near automatic door to comply with ANSI/BHMA 156.10 or 156.19.

- B. Shall be installed and inspected by a certified AAADM inspector.

- C. Door Operators: Connect door operators to electrical power distribution system as specified in Division 16 Sections.

1.01.1 FIELD QUALITY CONTROL

- A. An AAADM certified inspector shall test and inspect each automatic entrance door to determine compliance of installed systems with applicable ANSI standards. AAADM recommends an annually inspection of each automatic door thereafter.

1.01.1 ADJUSTING

- A. Adjust door operators, controls, and hardware for smooth and safe operation, for weather-tight closure, and complying with requirements in ANSI/BHMA A156.10 and A156.19.

1.01 WARRANTY

- A. One year warranty shall be issued from time of installation followed by an AAADM certified inspection for compliance with ANSI 156.10. Ensure to place appropriate AAADM labels and completed inspection stickers in the appropriate place for the type of door system selected.

