

Martin DC 3700X Door Opener

SECTION 08360

PART 1 – GENERAL

1.01 SUMMARY

- A. Section Includes:
 - 1. Electric Motor Operators.
- B. Related Sections: Other specification sections which may relate to the work of this Section include, but are not limited to, the following:
 - 1. Section 16100 – Electrical wiring.

1.02 DEFINITIONS

- A. Operation Cycle: One complete cycle of a door begins with the door in the closed position. The door is then moved to the open position and back to the closed position.
- B. Measurements are in feet and inches followed by measurements in millimeters found in parentheses.

1.03 SUBMITTALS

- A. Submit shop drawings for approval prior to fabrication. Include detailed plans, elevations, and details of the door opening framing members, required clearances, anchors, and accessories. Include relationship with adjacent materials.
- B. Submit Martin product literature for each type of sectional door. Include both published data and any specific data prepared for this project.

1.04 QUALITY ASSURANCE

- A. Single source responsibility: Provide the door opener and accessories for each type of model specified.
- B. Installer: Only authorized representatives of Martin Door Mfg. shall perform installation of door openers.
- C. Electrical: Shall be UL compliant electric operator. Provide electrically operated fixtures specified in this section that are listed and labeled.

1.05 WARRANTIES

- A. Martin Residential Door Openers: Limited Lifetime Motor and 5 years on parts.

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Provide Martin DC 3700X Door Opener as manufactured by Martin Door Mfg. of Salt Lake City, Utah U.S.A; Telephone 800-388-9310, 801-973-9310; Fax 801-688-8182.

2.02 ELECTRIC DOOR OPERATORS

- A. Provide Martin Door DC 3700X UL listed electric operator, size and type as manufactured or recommended by Martin Door Mfg. to move door in either direction at not less than 5" (152) per second.
1. Entrapment Protection: [UL 325 Photoelectric eyes, instant reverse, fail-safe electronics for residential doors.] [Pneumatic sensing edge up to 18' (5489) wide.][Electric sensing edge.][Photoelectric safety sensors for commercial doors.]
 2. Operation Controls: Standard residential includes 2-button transmitter operation and 3-function indoor wall console. Commercial standard includes 3-button operated control station(s) with open, close and stop buttons for [flush][surface] mounting, for [interior][exterior][both interior and exterior location].
 3. Special Operation: [Pull-rope release (against the law on residential)] [Automatic opening device] [Vehicle detector operation][As specified by architect].

PART 3 – EXECUTION

3.01 PREPARATION

- A. Take Field Dimensions and examine conditions of substrates, supports and other conditions affecting performance of work to be performed.

Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION

- A. General: Install operating equipment complete with necessary hardware, anchors, inserts, hangers, equipment supports, safety labels, and safety devices if provided according to shop drawings, Martin Door's written instructions, and as specified.

END OF SECTION