

OPEN SESAME

Specifications - Door Operator Model 100

Automatic door operator shall be electro-mechanical, and provide for both powered opening and powered closing of a door. The door operator shall provide no influence upon the door except when it is actively involved with powered opening, holding open, or closing, thus allowing unincumbered manual operation.

The unit shall contain an internal battery power supply to provide powered operation in the event of external power failure. The unit shall be powered by 24 vac, external to the device under provisions of low voltage wiring and is supplied with a 40 VA transformer requiring 115 vac 60 hz service.

The operator shall be mounted according to drawings and instructions provided with each unit. The unit shall be capable of mounting on either door or lintel and shall provide door opening angles up to 180 degrees.

The unit shall possess an adjustable hold-open feature allowing the door between 5 and 60 seconds for passage. The unit shall stop when encountering an obstruction during an operating cycle at which time it ceases to provide a influence on the door.

Operation

Electro-mechanical. Power open, power close. Automatic clutch disengagement at all times when not activated, allowing unimpeded manual operation.

Automatic open-hold-close cycle (5 to 60 seconds) activated by a signal from internal radio receiver or the momentary closure of electrical contacts provided by wires to unit.

Automatic cycle may be interrupted by a signal received within the cycle bringing the operator into a disengaged state. Door may be closed remotely if door is found left open in a non-active state upon receipt of a signal.

Optional Mode (Auto-Close Setting) - Causes door to close automatically after a delay upon manual opening. Can be brought into activation in one of three ways:

1. Provision of electrical wires to unit to provide a discontinuity between internal contacts.
2. Provision of discontinuity of contacts upon installation.
3. Removal of 24 vac exterior power to operator.

Electrical Specifications

Operator:

16-24 vac/dc -.01 amp

Wall Transformer:

Input - 115 vac 60 hz

Output - 24 vac -.03 amp

Battery:

12V DC 1.2ah Lead acid gel cell

Motor: 12V DC 1.5 amp

Clutch: 12V DC .5 amp

Supply for Unlatching Device:

12V DC 1 amp

Radio Receiver:

19,683 Security Combinations
(Programmable)

Dimensions:

2 5/8" x 4" x 14 1/8" (Suitable for mounting with perpendicular wall close to door frame.)

Weight: 10 lbs.

Material/Finish:

Steel housing
Painted aluminum finish #25

Physical Application:

Door mounted for inward and outward opening doors in either right-hand or left-hand hinged configurations. (Ceiling clearance 1 1/4" minimum between door and ceiling)
Lintel mounted for inward and outward opening doors in either right-hand or left-hand hinged configurations.

Activation

Activation may occur by coded signal from transmitter or by wireless security entry system. Activation contacts are provided within unit for remote wired activation from any device providing momentary continuity such as touchplates, pushplates, mats, or infrared motion sensors etc.

Warranty

Open Sesame Operators and controls are covered by a one year limited warranty on materials and internal workmanship. Our warranty does not apply to services performed during installation but technical assistance is available by calling 1-800-OPEN-911.
