**Equipment**

- Industrial Microprocessor Controlled
- Heavy Duty DC Motor draws 3.3 amps @ 24 VDC (other voltages optional)
- Heavy Duty Brake that locks motor when stopped so door does not move in rough seas (*no door lock needed, if so desired*)
- Brass gear-driven bar that positions door precisely
- Precision door opened/closed by digital inputs
- Pull-cable release for emergency, dead batteries (*prevents incidental lock-out*)

**Sensor Inputs**

1) Outside Lock, Keypad or Key Switch - momentary (*locks or unlocks door from outside*)
2) Outside Open/Close Button - momentary (*foot or finger button opens or closes door from outside when pressed, does not activate if door is locked*)
3) Inside Lock, Switch or Key Switch - momentary (*locks or unlocks door from inside*)
4) Inside Open/Close Button - momentary (*foot or finger button, opens or closes door from inside when pressed *works even if security lock is enabled*)
5) Door closed by digital input mounted on bar
6) Door opened by digital input mounted on bar
7) DC ampere sensor input (*allows micro to detect person or foreign object restricting open/close operation in less than 50 milliseconds... 1/20th of a second*)

**Options**

- Windows® based communications system (*for monitoring and tuning*)
- ‘STATE MACHINE’ under Windows® current state is presented
- Set points can be viewed under Windows®
- Last 5 alarms can be viewed under Windows®

**Installation**

Easily installed by owner or yard (*approx. 6-8 hours*)

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