

PowerMaster

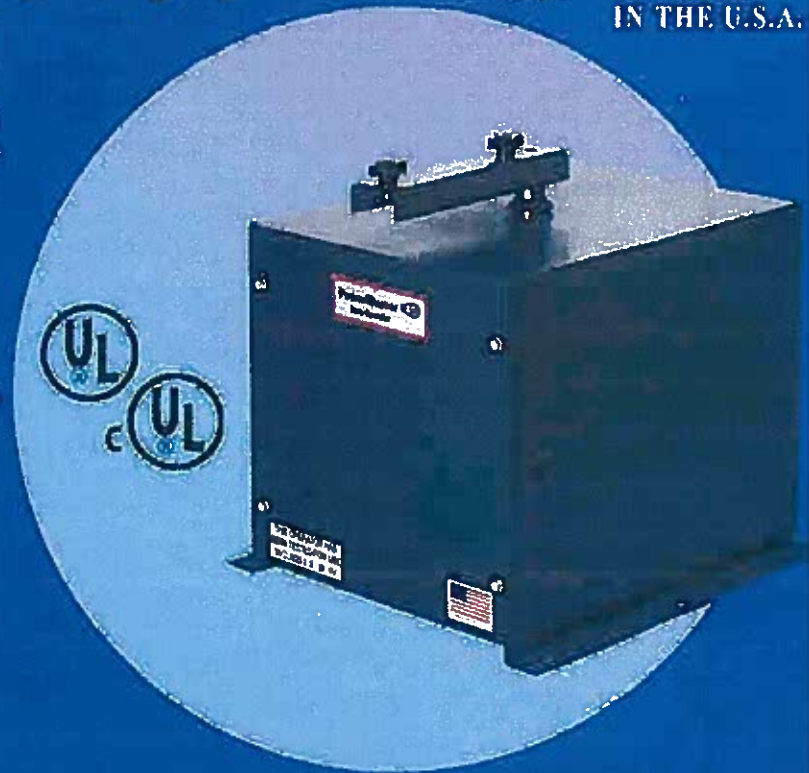


ASSEMBLED
IN THE U.S.A.

Model CSWI 2004 SWING GATE OPERATOR

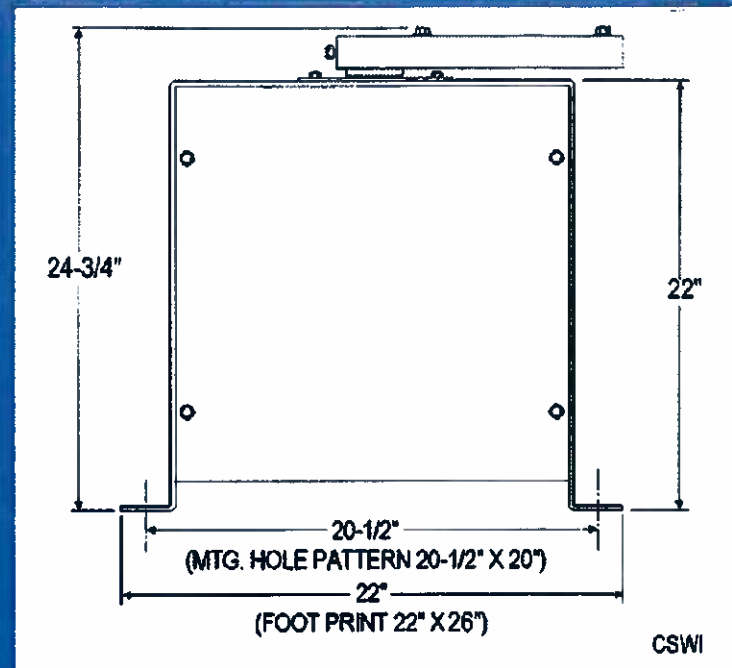
ELECTRICAL FEATURES

- Solid state control board w/integral 3 button station & diagnostic LED's to ease installation and servicing of unit.
- External control input terminal connections for:
 - Radio Receiver
 - Push Button Control Station
 - Key Switches
 - Loop Detectors
 - Card Key Readers
 - Telephone Entry Systems, Etc.
- Timer to close with 0-60 sec. adjustment standard. Longer timer available upon request.
- Maximum run timer for equipment protection (self adjusting).
- Master/Slave option with dedicated terminal connection provided.
- Easy Left/Right changeover.
- Time delay on reverse to insure smooth gate motion and less stress on equipment.
- Surge protection for control circuitry.
- Emergency control enabling circuitry for safety with security.
- Magnetic gate lock control circuitry with control relay for interconnections.
- Integral speed sensing anti-entrapment circuitry with independent opening and closing sensitivity adjustment.
- External anti-entrapment circuitry with separate terminal connections for easy installation of contact and non-contact sensors.
- 1/2 HP - 2HP 115/208/230/460/575 volt, 1 Phase or 3 Phase.
- Selectable 3 second advance audible warning signal.
- Internal On/Off power switch.
- NEMA 1 three button station included.



TECHNICAL SPECIFICATIONS

- Power requirements: 115/208/460/575 Volts, 1 phase or 3 phase
- Class 2 low voltage control circuit.
- Available horse power: 1/2 HP - 2 HP.
- Maximum gate weight: 1800 LBS.
- Maximum cycles per hour: 45 CPH.
- Maximum gate width: 30 feet.
- Gate speed: 13 seconds from open to close.
- UL 325 Listed for use in Class I through IV application.
- Shipping weight: approx. 220 LBS.



MECHANICAL FEATURES

- Heavy duty #7 Ga. steel frame providing a strong and durable unit.
- Hard shell baked-on weather resistant powder coating with an attractive textured finish for years of aesthetic protection from the elements.
- V-belt primary reduction for smooth, quiet and positive operation.
- Heavy duty 45:1, oil bath type gear reducer for long service and dependable operation.
- Heavy duty #50 sprocket and roller chain arrangement for final drive reduction.
- Heavy duty pillow block type ball bearings supporting output drive shaft and enabling extended endurance under heavy loads with low maintenance.
- Drive arm easily disconnected for manual operation in case of power failure.
- Easily adjustable limit switch cams for precision gate positioning.
- Soft start and stop at the open and close limits of travel, due to the inherent geometry of the articulating drive arm linkage.
- Pad mounted for a strong, solid installation.

OPTIONAL EQUIPMENT

- Radio Control.
- Safety Edge (contact safety sensor).
- Photo Cell (non-contact safety sensor).
- Loop Detector.
- Card Key Reader.
- Magnetic Gate Lock.
- Gear Box Heater (for cold climates).
- Thermostatically Controlled Cooling Fan available on 115V units (for hot climates).
- Interior and Exterior Control Stations:
 - Push Buttons
 - Push Button with Keyed Lockout
 - Key Switches
- Padlockable Option to secure cover for increased tamper proof protection.
- Three Second Advance Audio Warning Signal available upon request.
- Slow Speed Option (18 sec. from open to close).
- Super Slow Speed Option (23 sec. from open to close).

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