

Compliant to UL 325

ORION 110V ORION 24V

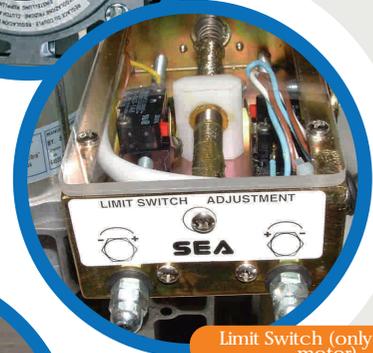


The reliability of the oil-bath motor

- The ORION 110V-24V BOX is a residential electromechanical sliding operator for gate up to 900 lbs.
- It is very smooth and exceptionally quiet.
- It is unique as for compact motor-gearbox. Gear lubrication in oil for 110V model.
- Polietilene plastic cover.
- Slow down in opening/closing with GATE series board.
- Reverse on obstacle.
- Very easy manual release.
- Innovative adjustment Limit Switch with screws (only 110V model).
- Speed adjustable and Battery back-up in the 24V model.
- Receiver included.
- Ball bearing wheels.



Encoder



Limit Switch (only for AC motor)



Ball bearing wheels

Sea USA Inc.
8332 NW 30TH TERRACE
MIAMI, FL 33122
Toll free: 1.800.689.4716
Ph: 305.594.1151
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ORION

Specifications	ORION 110V	ORION 24V
Supply Voltage	115Vac+5% 50-60Hz	115Vac+5% 50-60Hz
Motor Current	3,1 A	6 A
Duty cycles	50%	60%
Operating temperature	from -31°F to + 131°F	from -31°F to + 131°F
Operator Weight	62 Pounds	55 Pounds
Max gate weight	900 Pounds	900 Pounds
Max gate length	25 Feet	40 Feet
Opening time	12,6 inc/sec.	10,6 inc/sec.
Protection class	IP55	IP55

CONTROL BOARDS Specifications

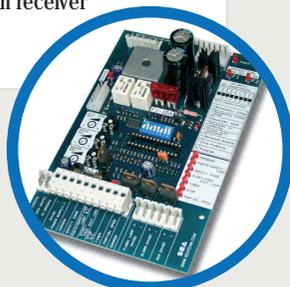
GATE 1 (for ORION 110V)

- Slow down in opening and closing
- Motor couple Regulation
- Self-learning operating time
- Self-test on photocells
- Management of a 115 Vac motor with or without limit switch
- Automatic logic (4 modalities), semiautomatic, step by step logics
- Self-diagnosis
- Encoder management (also Safety Gate for swing gates)
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Integrated receiver compatible with radio transmitters SMART, HEADROLL and HEAD ECOPIY series (800 users)
- Alarm Output

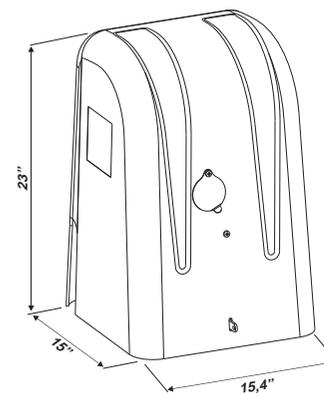


GATE 1 24 V (for ORION 24V)

- Motor couple Regulation
- Encoder management
- Self-learning operating time
- Self-test on photocells
- Slow down adjustable in opening and closing
- Management of a 24 Vdc motor
- Automatic, semiautomatic, step by step logics
- Anti-crushing intervention sensibility regulation
- Self-diagnosis
- Self-regulation of time-changing parameters (frictions, etc)
- Diagnostic leds on all outputs/inputs
- Flash lamp management
- Extractable connectors
- Connector for SIGNAL - series plug-in receiver
- Emergency batteries management
- Alarm Output



Dimensions ORION



Dimensions (Inches)

ACCESSORIES

Loop Detectors / Photocells / Key Pads / Card Readers / Transmitters & Receivers / Telephone Entry Systems / Intercom Systems

Thermo



Battery back up for all AC operators



Spike suppressor

