



ORION / ORION 24V

Listed to
ANSI/UL 325

IRREVERSIBLE SINGLE-PHASE MOTOR-REDUCER, IN OIL- BATH FOR RESIDENTIAL SLIDING GATES AND NOT INTENSIVE WORK. MAX GATE WEIGHT 950 Pound.

Powerfull and Safe

The ORION is an irreversible single-phase motor-reducer of easy installation. The motor, the electronic control unit and gearbox are immersed in oil offering a durable system for the user. The Orion is equipped with a mechanical clutch and sensitive torque regulation. The built-in electronic control unit warranty the brake regulation and inversion during the closing cycle when it meets an obstacle.

Limit Switch

Orion Cain is equipped with an internal limit switch (very easy adjusting)

Orion Rack s equipped with a mechanical limit switch

Manual Release

In case of power failure: the unit can be mechanically released by an handle and the gate or door operated manually until power is restored.

Orion chain



Manual release

OPERATOR SPECIFICATION

Supply voltage	115 Vac ± 5%
Motor current	3,1 A
Thermal protection on the motor winding	266°F
Operating temperature	-43°F +131°F
Weight with oil	52 pound
Oil quantity	0,46 Gal
Gate speed	8-11 Inc / sec
Max gate weight	950 pound
Duty cycle	Not intensive
Drive	chain/rack

Orion rack



DESCRIPTION	COD	MAX GATE WEIGHT	POWER SUPPLY V
ORION Chain	1120MEC0BOX	950 Pound	115
ORION Rack	1120MER0FL	950 Pound	115
ORION Chain 24V	1120SZC3BOX	950 Pound	24v
ORION Rack 24V	1120MER3	950 Pound	24v

SLIDE STD Control Board for ORION 110V Cod. 2300B110SU
Control Board for ORION 24V Cod. 9340B110

Available 230 Vac



ORION

ACCESSORIES FOR INSTALLATION

DESCRIPTION	COD		DESCRIPTION	COD	
MOUNTING PLATE	16200095		EXTERNAL RELEASE FOR ORION	12710065	
ZINC GEAR RACK MOD. 4 (3.28 feet) WITH ACCESSORIES	12715010		SECURITY BOX FOR EXTERNAL RELEASE	12710010	
COMPACT PINION Z16 SP. 24 mm FOR RACK	16101012		PINION GROUP FOR CHAIN	12710040	



Typical Installation

- 1) ORION Motor
- 2) Photocell Sx
- 3) Photocell Dx
- 4) Pneumatic safety edge
- 5) Pneumatic switch
- 6) Warning light
- 7) Radio receiver
- 8) Antenna
- 9) Warning plate
- 10) Electronic control unit
- 11) Differential 16A - 30mA

