

# Electromechanical swing gate operator with articulated arm

for residential swing-leaf gates with maximum leaf width of 14 ft (4.3m)



- Non reversing operator, does not require external locks
- Easy to install, no modifications to the gates are necessary
- Ideal for gates mounted on large columns
- Adjustable limit switches (optional)
- Maximum safety thanks to the E024U control board reverse on contact feature
- Built in battery backup to ensure operation in case of power outage
- Compliant with UL325 for Class I,II,III and IV applications



## TECHNICAL SPECIFICATIONS

Input Voltage	24 Vdc
Power	40 W
Current	2 A
Motor rotation speed	960 r.p.m.
Reduction ratio	1:700
Angle speed	8°/s
Leaf max. width	14 ft (4.3 m)
Leaf max. weight	600 lb (272 Kg)
Max. torque	184 lbf.ft (250 Nm)
Operating ambient temperature	-4°F ÷ 131°F (-20°C ÷ +55°C)
Use frequency	continuous
Operator Weight	25 lb (11.5 kg)
Dimensions (L x D x H)	16 x 5 x 5 in (410x130x130 mm)
Protection class	IP 44

### Notes

- Mounting dimensions, wind factor and gate design will affect performance specification
- Use frequency is measured at an ambient temperature of 72 °F (20 °C). Temperature variation will affect it.
- An electric or magnetic lock is recommended for any gate longer than 12 ft (3.6 m).

## 390

Model	Shipping Wt (approx)	Part Number	Price
390 - Basic Single Kit	58 lb (26.3 Kg)	104572.5	\$2,063
390 - Operator plus two limit switches kit	24 lb (10.9 Kg)	104579.5	\$1,003
390 - Operator only	24 lb (10.9 Kg)	104579	\$933

### The package 390 - Basic Single Kit contains:

Qty	Description	Part Number
1	Operator 390	104579
2	Limit Switch	390682
1	E024U Enclosure Kit	3350.1
2	Batteries 12V 8 Ah	3540
1	Receiver 433 RC Plug In	787741
2	4-channel transmitter XT4 433 RC	787453

### To make a master/slave (bi-parting) kit add these parts

Qty	Description	Part Number
1	Operator 390 with limit switches	104579.5
tbd	Cable AWG 12 - 2 conductors cable (operator) *	2197
tbd	Cable AWG 18 - 3 conductors cable (limit switches)	2192

(\*) The AWG 12 cable can be used for connections of up to 50' of length between the operator and the control board.

## ACCESSORIES



Standard Articulated arm

Part No.	738705
Price	\$266



Single limit switch kit (opening or closing)

Part No.	390682
Price	\$35



Steel Articulated arm

Part No.	7387051
Price	\$280

Description	Shipping Wt (approx)	Part Number	Price
Loop Detector Interface		2670	\$120
10 Pin Plug in Loop Detector		PLD1500	\$177
XIB interface for Shadow Loop		790062	\$32
Photobeam Photocells Pair	1 lb (0.45 Kg)	785163	\$244
Photobeam mounting post single (with foundation plate)	5 lb (2.2 Kg)	401028/737630.5	\$123
Photo beam mounting post double (with foundation plate)	9 lb (4.1 Kg)	401035/737630.5	\$198
Transmitter Rolling Code 433MHz		787453	\$23
Receiver Rolling Code 433MHz		787741	\$42
Transmitter 418 MHz Dip Switch Dual Channel		787317	\$53
Transmitter 418 MHz Dip Switch Single Channel		1tm418ds	\$45
Receiver 418 MHz Dip Switch		1rp418ds	\$79
Tuned Antenna Kit		412003	\$88
Cable AWG 12 - 2 conductors 10 ft length		2197	\$60
Cable AWG 18 - 3 conductors 10 ft length		2192	\$30