

Electromechanical swing gate operator

for residential swing-leaf gates with single-leaf max width of 15 ft (4.6m)



- "In-axis" thrust operator.
- Built in Limit switches.
- Die-cast aluminium body, entirely double-coat painted for longer life.
- Manual release device with simplified key-protected activation.
- Horizontal exit for cables to allow near to ground installation
- 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	70 W
Current	3 A
Thrust	630 lbf (280 daN)
Effective stroke	15.75 in (400 mm)
Rod speed	0.63"/sec (1,6 cm/sec)
Leaf max. width	15' (4.6m)
Leaf max. weight	700 lb (318 Kg)
Operating ambient temperature	-4°F ÷ 131°F (-20°C ÷ +55°C)
Use frequency	continuous
Operator Weight	17.6 lb (8 Kg)
Dimensions (L x D x H)	36 x 4 x 6 in (904x105x148 mm)
Protection class	IP 54

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).

415

Model	Shipping Wt (approx)	Part Number	Price
415 - Basic Single Kit	58 lb (26.3 Kg)	10441811.5	\$1,900
415 - Operator only	25 lb (11.3 Kg)	104418115	\$887

The package 415 - Basic Single Kit contains:

Qty	Description	Part Number
1	Operator 415	104418115
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 415	104418115
tbd	AWG 12 - 2 conductors cable (operator) *	2197
tbd	AWG 18 - 3 conductors cable (limit switch)	2192

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

ACCESSORIES

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