

S418



Electromechanical swing gate operator



maximum leaf width

12 ft

maximum leaf weight

500 lb



- Sleek design
- Opening and closing mechanical stops built in
- Effective stroke of 13.8" (350mm)
- New "multi-position" bracket for non-welded 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	35 W
Current	1.5 A
Maximum thrust	404 lbf (180 daN)
Rod stroke	13.8 in (350 mm)
Rod stroke without mechanical stops	15.3 in (390 mm)
Rod extension speed	0.7 in/s (1.8 cm/s)
Operating ambient temperature	-4°F - 131°F (-20°C - +55°C)
Use frequency	continuous
Operator Weight	13.2 lb (6 kg)
Dimensions (L x D x H)	32.5 x 4 x 4.9 in (825x104x125mm)
Protection class	IP 54

Gate Length	Max Gate Weight
10 ft (3.0 m)	up to 720 lb (326 kg)
12 ft (3.7 m)	up to 500 lb (227 kg)
14 ft (4.3 m)	up to 370 lb (168 kg)
16 ft (4.9 m)	up to 280 lb (127 kg)

NOTE

- 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).

S418

Model	Shipping Wt (approx)	Part No
S418 - Basic Single Kit	48 lb (21.8 Kg)	104301.5
S418 - Operator only	18 lb (8.2 Kg)	10430115
S418 - LE Single Kit	48.5 lb (22 Kg)	999001.1
S418 - LE Dual Kit	66 lb (30 Kg)	999002.1

The package S418 - Basic Single Kit contains:

Qty	Description	Part Number
1	Operator S418	10430115
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
1	Pair of photobeams	785163

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

Qty	Description	Part Number
1	Operator S418	10430115
tbd	Cable AWG 12 - 2 conductors (operator) *	2197

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

The package S418 - LE Single Kit contains:

Qty	Description	Part Number
1	Operator S418	10430115
1	E024U Enclosure Kit type LE	3350LE.1
2	Batteries 12V 8 Ah	3540

The package S418 - LE Dual Kit contains:

Qty	Description	Part Number
2	Operator S418	10430115
1	E024U Enclosure Kit type LE	3350LE.1
2	Batteries 12V 8 Ah	3540

ACCESSORIES

Description	Shipping Wt (approx)	Part Number
Loop Detector Interface		2670.1
10 Pin Plug in Loop Detector		2681
XIB interface for Shadow Loop (see page 23)		790062
Photobeam Photocells Pair	1 lb (0.45 Kg)	785163
One Photobeam Mounting Post Standard (with foundation plate)	5 lb (2.2 Kg)	401028/737630.5
One Photobeam Mounting Post Double (with foundation plate)	9 lb (4.1 Kg)	401035/737630.5
Transmitter Rolling Code 433MHz		787453
Receiver Rolling Code 433Mhz		787741
Tuned Antenna Kit		412003
Cable AWG 12 - 2 conductors 10 ft length		2197