

# DEIMOS BT UL/CSA

ELECTROMECHANICAL AUTOMATION FOR RACK SLIDING GATES



24V



UL 325  
COMPLIANT COMPATIBLE

### • SMART TECHNOLOGY.

- Electromechanical microswitches that control the end of stroke.
- Incorporated two-channel rolling code radio receiver.
- Self contained control panel unit with self-learning and self-diagnostic functions.
- Control unit compatible with the EELink protocol.

### • SAFE USE.

- This version powered at 24V has been specially designed for simpler and faster installation in compliance with latest safety standards.
- Thanks to the obstruction sensing device, the operator reverses motion and prevents damage to people and vehicles in the event of contact.

### • SIMPLER INSTALLATION.

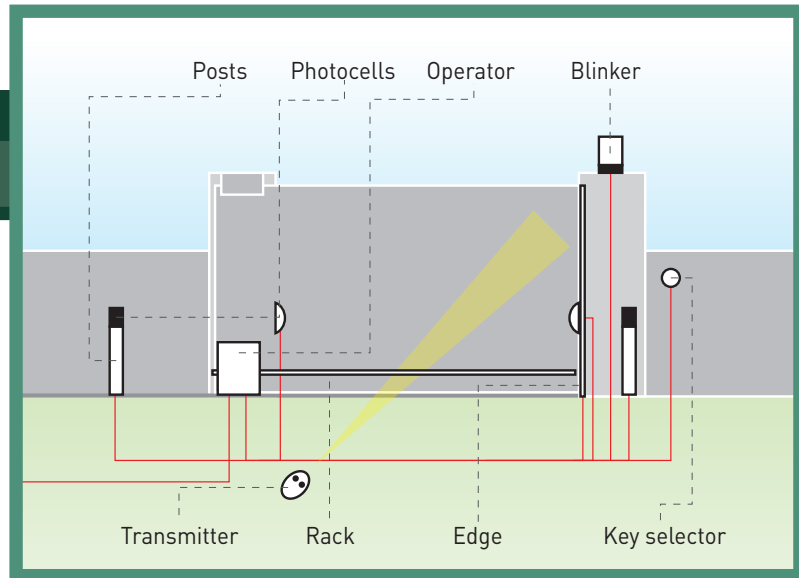
- Incorporated control unit positioned frontally for easier accessibility.
- Control unit programming by LCD display (optional).
- Optional battery back-up can be fitted within the operator casing.

REFERENCE	DESCRIPTION	VOLTAGE	LEAF WEIGHT
R925228 00003	DEIMOS BT KIT UL/CSA 120V 60HZ 433MHZ (1 MITTO)	24 V	up to 1100 lbs (~500 kg)
KR925228 00003	DEIMOS BT KIT UL/CSA 120V 60HZ 433MHZ (1 MITTO + REFLECTIVE BEAM)	24 V	up to 1100 lbs (~500 kg)
K2R925228 00003	DEIMOS BT KIT UL/CSA 120V 60HZ 433MHZ (1 MITTO + FL130B)	24 V	up to 1100 lbs (~500 kg)

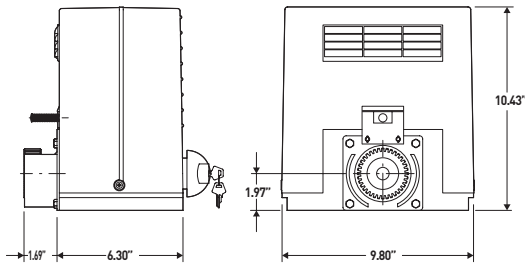
## TECHNICAL FEATURES

### DEIMOS BT

CONTROL PANEL	QSC D UL (incorporated)
REVERSIBLE/IRREVERSIBLE OPERATOR	irreversible
POWER SUPPLY	120 V 60 Hz single-phase
ABSORBED POWER	0.1 hp (70 W)
THERMAL PROTECTION	integrated in the control unit
LEAF SPEED	7.9 ips (12 m/min)
OUTPUT ROTATIONAL SPEED	79 rpm
PINION PITCH	4 mm (14 teeth), 18 teeth pinion optional
IMPACT REACTION	electronic torque limiter
LIMIT SWITCHES	electromechanical
MANUAL RELEASE	mechanical release with knob
OPERATING CYCLE	intensive use
ENVIRONMENTAL CONDITIONS	from 5°F (-15°C) to 140°F (+60°C)
DEGREE OF PROTECTION	IP24
OPERATOR WEIGHT	16 lbs (~7 kg)
DIMENSIONS	see drawing next page
FUSE VALUE (QSC BOARD TRANSFORMER)	0.63A T
FUSE VALUE (QSC BOARD LOGIC UNIT)	2A T



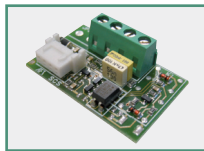
**DIMENSIONS**



**ACCESSORIES**



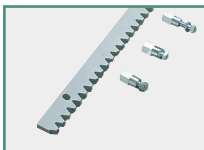
**P125002 - SB BAT**  
24 Vdc battery backup system for DEIMOS BT, it includes a charger board that activates the batteries when power is off and charges the batteries when power is on.



**P111376 - SCS 1**  
Serial connection interface for QSC D UL, RIGEL 5 and LEO D. 2 SCS 1 are needed for master & slave connection.



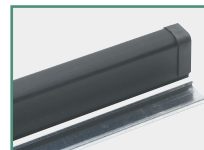
**D571331 - 18 TEETH PINION**  
Bigger pinion for increased speed (10,5 ips, 16 m/min). Max gate weight 770 lbs (350 kg)



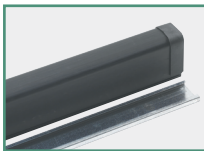
**D571053 - CVZ**  
30x12 4mm pitch galvanised adjustable steel rack 3' 3" length.



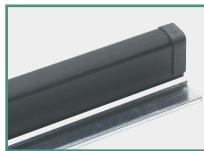
**D221073 - CP**  
22x22 4mm-pitch plastic rack with adjustment slots. 3' 3" length.



**N190039 - CSP 10**  
Shock absorber profile, length 3' 3".



**N190040 - CSP 20**  
Shock absorber profile, length 6' 6".



**N190041 - CSP 25**  
Shock absorber profile, length 8' 2".



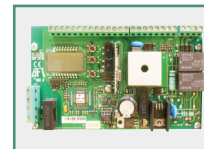
**N999158 - MSC**  
Personalised key release knob.



**D531548 - KI**  
Blank spare key for release knob



**D610180 - CLS/52**  
Release key for LUX, PHOBOS BT, PHOBOS BT L and DEIMOS BT .



**D111754 00001 - QSCD**  
Replacement board for Deimos BT.



**KED113731 - ECOSOL KIT**  
Interface, solar panel and 15' of panel cable for running BFT control panels off 24V solar power. Includes two 12V 7.2Ah batteries and circuit board for management of commands to control panel and battery charge management, with built-in Rolling Code 433.92 MHz receiver with 63 stored positions. Features carry handle for possible quick-charging of batteries from electrical power outlet through ECOSOL CHARGER accessory.



**P121019 - T-BOX**  
Digital keypad with 10 channels and 100 combinations. Backlit