DEIMOS BT UL/CSA
ELECTROMECHANICAL AUTOMATION FOR RACK SLIDING GATES

**TECHNICAL FEATURES**

<table>
<thead>
<tr>
<th>REFERENCE</th>
<th>DESCRIPTION</th>
<th>VOLTAGE</th>
<th>LEAF WEIGHT</th>
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<tr>
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<td>DEIMOS BT KIT UL/CSA 120 V 60 Hz 433 MHZ (1 MITTO)</td>
<td>24 V</td>
<td>up to 1100 lbs (~500 kg)</td>
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**CONTROL PANEL**
- QSC D UL (incorporated)

**REVERSIBLE/IRREVERSIBLE OPERATOR**
- QSC D UL (incorporated)
- 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)**
- 0.63 A T

**FUSE VALUE (QSC BOARD LOGIC UNIT)**
- 2 A T

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

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

**N190039 - CSP 10**
Shock absorber profile, length 3’ 3”.

**N190040 - CSP 20**
Shock absorber profile, length 6’ 6”.

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

**N190041 - CSP 25**
Shock absorber profile, length 8’ 2”.

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

**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-charge of batteries from electrical power outlet through ECOSOL CHARGER accessory.

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