

DEIMOS SERIES

ELECTROMECHANICAL AUTOMATION FOR RACK SLIDING GATES



Opens the future



UL 325
COMPLIANT



• SMART TECHNOLOGY.

- Electromechanical microswitches that control the end of stroke.
- Incorporated two-channel rolling code radio receiver.
- Control 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.

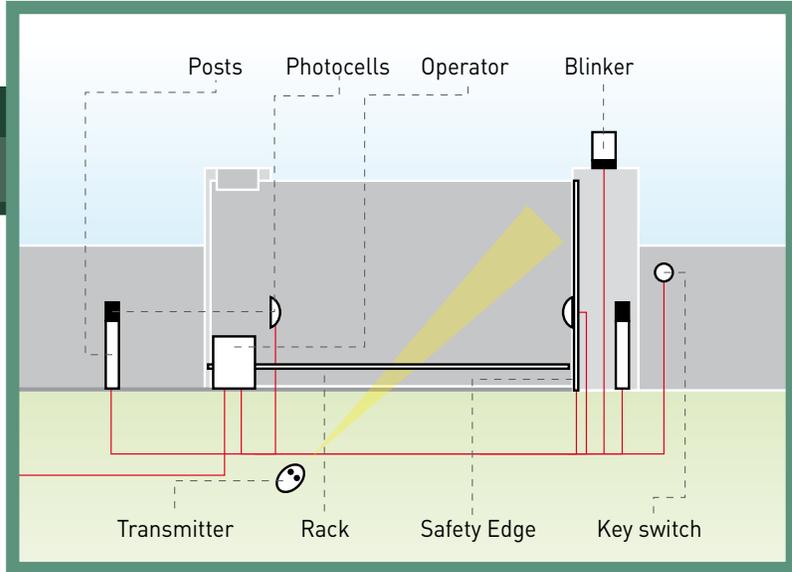
• SIMPLER INSTALLATION.

- Incorporated control unit positioned frontally for easier accessibility.
- Control unit programming by LCD display.

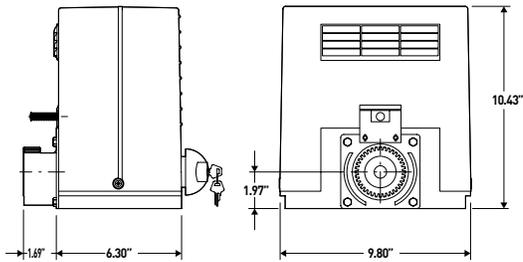
| REFERENCE | DESCRIPTION | VOLTAGE | LEAF WEIGHT |
|---------------|----------------------|---------|-------------------------|
| P925186 00002 | DEIMOS BT UL/CSA | 24 V | up to 1100 lb (~500 kg) |
| R925228 00003 | DEIMOS BT KIT UL/CSA | 24 V | up to 1100 lb (~500 kg) |

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 lb (~7 kg) |
| DIMENSIONS | see drawing next page |



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.



D571054 - CFZ
22x22 4mm-pitch galvanised steel rack. 6' 6" length.



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.
US.22



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".



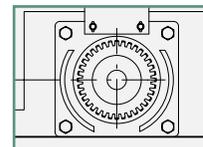
N999158 - MSC
Personalised key release knob.



D531548 - KI
Blank spare key for release knob



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



I098425 - 18 Teeth pinion
Bigger pinion for increased speed (10,5 ips, 16 m/min). Max gate weight 770 lb (350 kg) (3 piece pack)