

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.

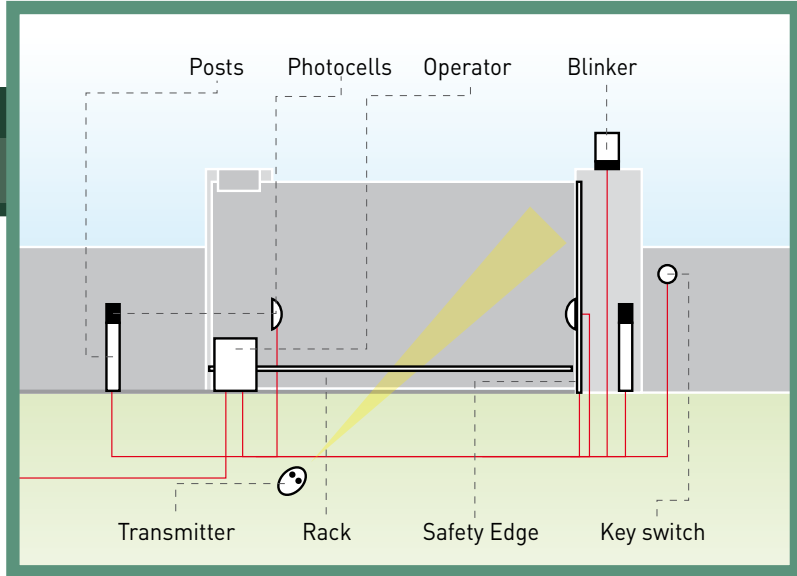
• SIMPLER INSTALLATION.

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

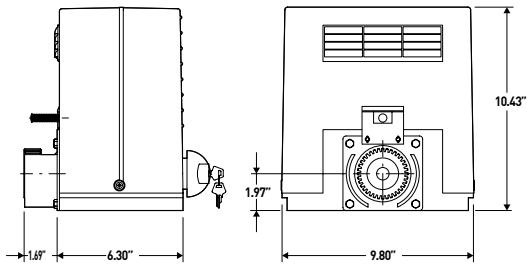
REFERENCE	DESCRIPTION	VOLTAGE	LEAF WEIGHT
P925186 00002	DEIMOS BT UL/CSA	24 V	up to 1100 lb (~500 kg)
R925228 00003	DEIMOS BT KIT UL/CSA	24 V	up to 1100 lb (~500 kg)

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.



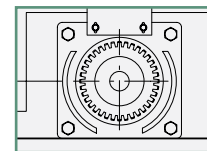
D531548 - KI

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)