

# DEIMOS SERIES

ELECTROMECHANICAL AUTOMATION FOR RACK SLIDING GATES



Opens the future



### • SMART TECHNOLOGY.

- Electromechanical microswitches that control the end stroke (inductive on the prox version).
- 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.

- The version powered at 24V has been specially designed for simpler and faster installation in

compliance with the safety standards laid down by the Machinery Directive.

- Thanks to the antisquashing system, the operator inverts motion and prevents damage to people and property in the event of contact (BT).
- Electromechanical braking system (DEIMOS 800F).

### • SIMPLER INSTALLATION.

- Incorporated control unit positioned frontally for easier accessibility.
- Control unit with programming by LCD display (BT).

CODE	DESCRIPTION	KIT	VOLTAGE	LEAF WEIGHT
P925178 00005	DEIMOS BT		24 V	up to 5000 N (~500 kg)
R925228 00001	DEIMOS BT KIT	•	24 V	up to 5000 N (~500 kg)
P925197 00001	DEIMOS		230 V	up to 5000 N (~500 kg)
P925198 00002	DEIMOS SQ*		230 V	up to 5000 N (~500 kg)
R925227 00001	DEIMOS KIT	•	230 V	up to 5000 N (~500 kg)
P925196 00001	DEIMOS 700		230 V	up to 7000 N (~700 kg)
P925200 00002	DEIMOS 800 F <b>NEW 2008</b>		230 V	up to 8000 N (~800 kg)

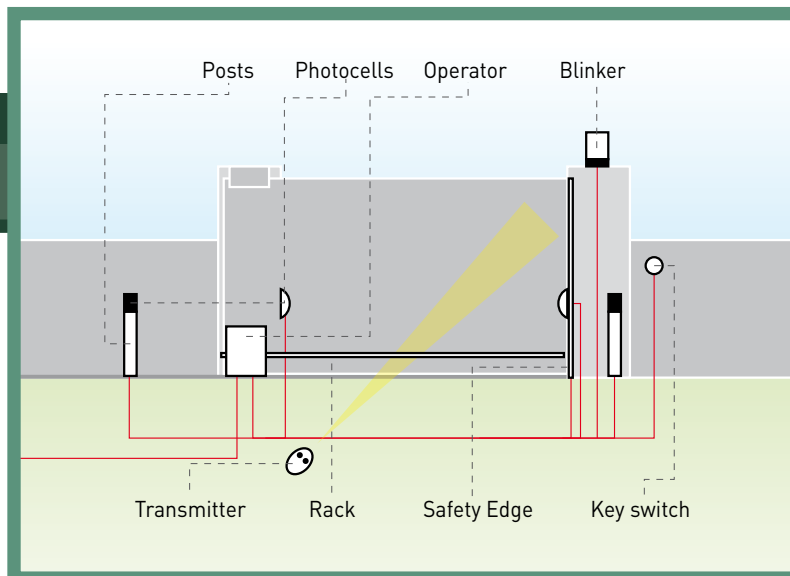
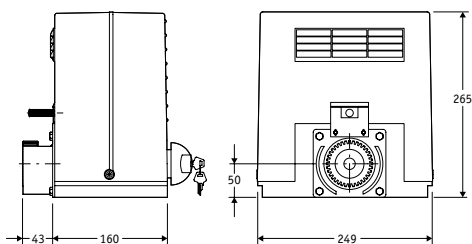
\* Automation without control panel

## TECHNICAL FEATURES

	DEIMOS BT	DEIMOS
CONTROL PANEL	QSC D MA (incorporated)	ALPHA (incorporated)
REVERSIBLE/IRREVERSIBLE OPERATOR	irreversible	irreversible
POWER SUPPLY	230 V- ± 10%, 50 Hz single-phase	230 V- ± 10%, 50 Hz single-phase
ABSORBED POWER	70 W	290 W
THERMAL PROTECTION	integrated in the control unit	integrated
LEAF SPEED	12 m/min	8,5 m/min
OUTPUT REVOLUTIONS	79 min	48 min
PINION PITCH	4 (14 teeth)	4 (14 teeth)
IMPACT REACTION	electronic torque limiter	mechanical clutch
TYPE OF LIMIT SWITCHES	electromechanical or inductive	electromechanical or inductive
MANUAL RELEASE	mechanical release with knob	mechanical release with knob
OPERATING CYCLE	intensive use	semi intensive use
ENVIRONMENTAL CONDITIONS	from -15°C to + 60°C	from -15°C to + 60°C
DEGREE OF PROTECTION	IP24	IP24
OPERATOR WEIGHT	70 N (~7 kg)	150 N (~15 kg)
DIMENSIONS	see drawing	see drawing
	DEIMOS 700	DEIMOS 800F
CONTROL PANEL	ALPHA (incorporated)	ALPHA (incorporated)
REVERSIBLE/IRREVERSIBLE OPERATOR	irreversible	irreversible
POWER SUPPLY	230 V- ± 10%, 50 Hz single-phase	230 V- ± 10%, 50 Hz single-phase
ABSORBED POWER	290 W	290 W
THERMAL PROTECTION	integrated	integrated
LEAF SPEED	8,5 m/min	8,5 m/min
OUTPUT REVOLUTIONS	48 min	48 min
PINION PITCH	4 (14 teeth)	4 (14 teeth)
IMPACT REACTION	mechanical clutch	mechanical clutch
TYPE OF LIMIT SWITCHES	electromechanical or inductive	electromechanical or inductive
MANUAL RELEASE	mechanical release with knob	mechanical release with knob
OPERATING CYCLE	semi intensive use	semi intensive use
ENVIRONMENTAL CONDITIONS	from -15°C to + 60°C	from -15°C to + 60°C
DEGREE OF PROTECTION	IP24	IP24
OPERATOR WEIGHT	150 N (~15 kg)	150 N (~15 kg)
DIMENSIONS	see drawing	see drawing



DIMENSIONS



ACCESSORIES



**P125002 - SB BAT**  
Thanks to the back-up batteries and battery charger, the SB BAT kit guarantees low voltage operation in the event of power failure. For DEIMOS BT model.

**NEW 2008**



**P111408 - SCS WIE**  
Circuit board for direct connection of wiegand accessories (such as SELETTO, COMPAS SLIM, etc) to the control units QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



**P111376 - SCS 1**  
Serial connection board for QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



**P111377 - SCS 1 MA**  
Control board for manage up to 4 pair of checked photocells in QSC D MA control board.



**D571054 - CFZ**  
22x22 4-pitch galvanised steel rack. 2 m lengths in 10 m packs.



**D571053 - CVZ**  
30x12 4-pitch drilled galvanised steel rack with support. 1 m lengths in 10 m packs.



**N999320 - CVZ-S**  
30x8 4-pitch drilled galvanised steel rack with support. 1 m lengths in 10 m packs.



**D221073 - CP**  
22x22 4-pitch plastic rack with adjustment slots. 1 m lengths.



**N190039 - CSP 10**  
Shock absorber profile, length 1000 mm.



**N190040 - CSP 20**  
Shock absorber profile, length 2000 mm.



**N190041 - CSP 25**  
Shock absorber profile, length 2500 mm.

**NEW 2008**



**P111401 00001 - VENTIMIGLIA NS**  
Infrared obstacle detection device for BIR C safety edge compliant with standard EN 12978.



**N190104 - BIR C**  
Rubber safety edge.



**N999151 - SFD**  
Fixing system pack.



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