



MAGDRIVE

Info



MAGDRIVE SW24-SOM SWING GATE DRIVE

Swingdr2

DESCRIPTION

Modular in construction the actuator is suitable for environments where a high degree of protection is required. Constructed using Aluminium, Stainless and impact resistant Polyester the actuator is weather resistant.

Designed for domestic and light commercial use, the SW24-SOM utilizes a powerful 24 volt DC permanent magnet motor connected to a compact right angle gear drive. The drive causes a push tube to extend and contract. Adjustable limit switches enable exact positioning of the push tube for open and closed gate positions.

A simple key release mechanism allows the gate to be manually operated in the event of a mains power failure.

The actuator housing is symmetrical in shape and suitable for mounting in an upright position to right and left hand posts directly.

The actuator is factory lubricated and may operate for up to two years without maintenance

Swing gate movements between 70 degree to 110 degree are possible with this actuator.

The SW24-SOM motor drive unit is used with a microprocessor based control DSTA24 which has a ramping feature to enable soft start and stop sequences.

The control also has a learning function, memorising force, speed and time to operate the gate. An obstruction causes a moving gate leaf to stop and reverse following contact.

The SW24-SOM may be fitted with an FM40.685MHz radio receiver card for remote operation by hand held remote. The transmitters which communicate with this receiver are self learning and cannot be duplicated by code.

Additional receiver modules with relay output are available for operating other devices ie. garage door. Radio range is 30 to 50 metre.

SPECIFICATION

Model	SW24-SOM
Voltage (supply)	230V 50 Hz
(motor)	24V DC
Force	2000N
Stroke (adjustable)	395mm (maximum)
Speed	40 – 18.2 mm/sec
Running time	10 – 22 sec depending on mounting geometry
Current consumption	2.8 amps / actuator
Rated power input	117.3 W
Duty cycle at full load	15%
Ambient temp	-30 – +80 degree C
Control	DSTA24 microprocessor