



MAGDRIVE

Info



MAGDRIVE SM40-SOM SLIDE GATE DRIVE

Slidrive 5.2.Pub

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DESCRIPTION

Designed for Domestic and light Commercial use the SM40-SOM is suitable for sliding gates up to 6000mm in length and 600kg in weight.

The drive utilizes a heavy duty 230 volt 4 pole AC motor and a precision right angle gear, to drive a gearwheel which meshes with a rack attached to the sliding gate leaf. Motor rotation in either direction causes linear movement of the gate leaf.

A lever secured by key lock enables the gearwheel to disengage the motor drive. Manual operation of the gate leaf is then possible.

Gate travel speed is nominally 170mm per second with controlled start and soft stop.

The microprocessor control accepts hard wired inputs from external contacts including safety devices to initiate gate movements. Dip switches enable selection of drive logic which includes:

- automatic closure.
- hold open time
- behavior following a safety input.
- pulse sequence ie. toggle, tri-state

Load sensing circuitry which adjusts automatically to the size of gate inhibits closure if an obstruction is encountered.

An on board radio receiver card enables remote operation by hand held transmitter.

TECHNICAL DATA

Supply voltage	230V AC
Frequency	50 Hz
Operating temp range	-10 – +50C
Protection Class	IP43
Torque (nominal)	24 Nm
Rated Current consumption	3.4 A
Rated Power consumption	800 W
Speed	10m/min
Weight	14.0 kg
Duty cycle	60 %
Maximum Gate Weight	600kg
Workplace noise emission	<75 dBA