



Description	
One shot timer and moter control for keyless entry system	
Drawn By	Fileark
Date	2010 08 26
Company	http://Fileark.com
Rev	01.00

Notes:

When SW1 is triggered this circuit will engage the relay effectively reversing the voltage on the motor which will un lock the door, after about 10 seconds the timer will turn off reversing the voltage on the motor locking the door. SW2 and SW3 are limit switches that are mounted on a gear off of the motor, when a switch engages, it will stop the motor. The diodes temporarily bypass the switch when the voltage reverses so that the motor can start traveling to the other limit switch. SW1 is a switch in this circuit but when the system is in service SW1 will actually be replaced with an output from a entry system for instance a RFID reader. For more information visit <http://Fileark.com>