

Magic Module™ Programmable Controller

ELK-MM220

The Magic Module (ELK-MM220) is a two digital input, two form C relay output programmable controller. It may be used as a stand alone field programmable controller in a vast array of applications from timers, single zone security system, pulse stretcher, simple process controllers, etc. The MM220 comes factory pre-programmed as a single zone security system and can be re-programmed by using a personal computer. The MM220 program is stored into re-programmable Electrically Erasable Programmable Read Only Memory (EEPROM memory). The ELK Starter Kit (ELK-MK400) contains components and software needed for programming.



Features

- Two Digital Inputs.
- Two Relay Outputs (jumper programmable “transistor open collector” output on relay 2).
- 4096 program bytes using SIMPLE programming language.
- 4 general purpose Counters, range 0 to 255 counts.
- 4 general purpose Timers, range 1/10 second to over 255 hours.
- Program stored in non-volatile EEPROM memory.
- Surface Mount ABS Enclosure with Snap-On Cover.
- Lifetime Limited Warranty.

Specifications

- Inputs: 2 digital inputs, jumper programmable for +12V or pull to ground input level
0 to 2 volts is low, 2 to 15 volts is high.
- Outputs: 2 Form “C” Relays, 10 Amps @ 120 VAC or 7 Amps @ 28 VDC.
One relay output may be configured as open collector transistor output - 100 ma. Max.
- Operating Voltage: 9.5 - 15 Volts D.C.
- Current Draw: 10 ma. Nominal, 70 ma. Maximum with both relays active.
- Enclosure: Black ABS Plastic, 4.5" x 3" x 1.2".