

# DTM-9 SEVEN DAY PROGRAMMABLE ELECTRONIC TIMER

## DTM-9

- Has a large display and control push-buttons for easy operation.
- Has a back-up rechargeable battery for power outages or brown outs. The power input is protected by MOV and a fuse.
- Has the flexibility to program six different events per week. The DTM-9 can also program each day individually or a block of days.
- Has wide power supply options and can be ordered in 12V DC, 24V AC/DC, 120V AC, 240V AC. Low current consumption makes it an excellent choice for solar power applications.
- Has a manual override for ON or OFF operation.



## APPLICATIONS

### TRAFFIC CONTROL

The DTM-9 will keep your overhead doors, gates and parking barriers continuously open during rush hours. This will increase the comfort and save on entry and exit times for employees and customers.

It will also significantly reduce the number of cycles the gate, door operator or parking barrier is activated per day. This will lower the wear and tear on the operator, saving on maintenance costs. Lower daily use will also allow the use of a smaller operator and therefore lower the overall cost of the whole installation.

### Magnetic Door Locks

The DTM-9 will allow you to program the lock out times for your doors with magnetic locks and electric strikes.

#### Purchase Information

DTM-9-12 12 Volt DC unit  
DTM-9-24 24V AC/DC unit  
DTM-9-120 120V AC unit

WE ACCEPT VISA, MASTERCARD, AMERICAN EXPRESS AND COMPANY PURCHASE ORDERS WITH APPROVED CREDIT.

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## Technical Information

Power Supply	12V DC, 24V AC/ DC, 120V AC, 240V AC (+/- 20%)
Current Draw	60 mA standby 75 mA activated
Relay	SPDT, 5A @ 24VDC / 120V AC
Operating Temp	-40°F to 170°F
Power Indicator	Red LED on when relay is activated.
Surge Protection	MOV protection devices
Housing	Break resistant Polycarbonate
Dimensions	H = 4.0" x W = 2.75" x D = 2.25"
Connector	Isolation protected Terminal strip
Mounting	DIN rail and flash mount bracket is supplied.

## Installation Instructions

Install on DIN rail or use screws to mount base to surface. Figure 1.1 (screw mounting holes)

Remove terminal block cover as shown in figure 1.2

Connect appropriate power to terminals "A" and "B".

Connect terminal "2" (relay common) to correct terminal in operator control as specified by operator manufacturer.

Connect terminal "1" (relay normally open) to correct terminal in operator control as specified by operator manufacturer.

**Note:** Terminal "1" makes contact with terminal "2" when unit is activated.

Terminal "3" (relay normally closed) is contacted to terminal "2" when unit is not activated.

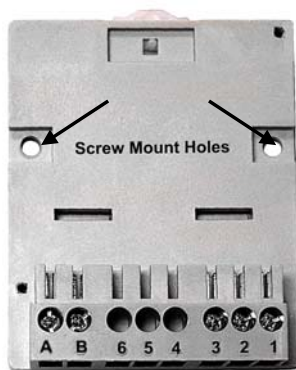


figure 1.1



figure 1.2

## WARRANTY

EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage.

There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein.

EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship.