SDT110 SEVEN DAY PROGRAMMABLE ELECTRONIC TIMER

SDT110

- Has a large display and control push-buttons for easy operation.

- Has a back-up rechargeable battery for power outages or brown out. The power input is protected by MOV and a fuse.

- Has the flexibility to program six different events per week. The timer can also program each day individually or a block of days.

- Has wide power supply options and can be ordered in 24V AC or 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.

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EMX INDUSTRIES, INC.

APPLICATIONS

Traffic Control

The SDT110 will keep your overhead doors, gates and parking barriers continuously open during rush hours. This will increase comfort and save on entry and exit times for your employees and customers.

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

Magnetic Door Locks

The SDT110 will allow you to program the lock out times for your doors with magnetic locks and electric strikes.

DTM-9 SEVEN DAY ELECTRONIC TIMER

Technical Information

POWER SUPPLY	24V AC or DC, 120V AC, 220V AC
POWER SUPPLY TOLERANCE	+ / - 20% from the power rating
STAND-BY CURRENT	60 mA maximum
ON CURRENT	75 mA Maximum
RELAY TYPE	SPDT
RELAY RATING	15A 24V DC 120V AC
TEMPERATURE RANGE	-40°F to 170°F
POWER INDICATOR	RED LED is on when relay is activated
SURGE PROTECTION	MOV protection Devices
CONTROL UNIT HOUSING	Break resistant Polycarbonate; H:4.0" W: 2.75" D: 2.25"
CONNECTOR	Protected terminal strip
MOUNTING	DIN rail and flash mount bracket is provided

Programming Instructions

1. Move the **ON / OFF** sliding switch to the **ON** position, the display is activated.
Now the timer is switched ON.

2 . While pressing continuously on the **CLOCK** push-button, set the day by depressing the **DAY** push-button as many times as necessary to set the correct day.

3. While pressing continuously on the **CLOCK** push-button, set the hours by depressing the **HOUR** push-button as many times as necessary to set the correct hours.

4 . While pressing continuously on the **CLOCK** push-button, set the minutes by depressing the **MIN**. push-button as many times as necessary to set the correct minutes.
Now the clock is set to the right day and time.

5. Press the **PROG** push-button to start the programming of the timer. **Program 1 O N** is the time when the relay will be activated on the selected days.

6 . Set the day or days you want to program by pressing the **DAY** push-button. Pressing the **DAY** push-button will move the timer from one day to the other until you reach the block of days that can be programmed.

7 . Set the time when the relay will be activated by pressing the **HOUR** and **MIN** push-buttons.

8 . Press the **PROG** push-button to continue to set the timer to **OFF** period. Set day as in step 6.

9 . Set the time when the relay will be de-activated by pressing the **HOUR** and **MIN**

10 . Continue the setting of up to 6 **ON/OFF** periods per week the same way as above.

11 . At the end of programming, press the **CLOCK** push-button.

NOTE : Use **ON/AUTO/OFF** to toggle the relay between **ON**, timer program and **OFF**.