

# Securitime TMR100



## Product Overview

The Securitime is a versatile, secure programmable timer that switches a 12V 2A clean contact output relay. With a simple to use interface and a clear LCD display it is ideal for use with access control or any other applications that have time sensitive elements. The timer has a back up battery so even if there is a power cut it will retain the time, date and all the programmed settings. For added reliability the timer automatically calculates the day of the week from the day, adjusts for leap years and automatically updates for summer and winter time.

## Operation

### Programmable Timer

The main operation of the Securitime timer allows the user to programme up to 7 different timers independently of each other so a different programme can be running each day of the week. The timers can be programmed to switch the output relay with up to 6 times per programme, each time can either latch the relay on/off or cause the relay to momentarily switch for up to 1 minute.

### Override

The unit also has an override function, in timed mode the user can press a button and the output relay will switch over and latch for a programmable length of time, ignoring all other requests to switch until the timer has expired. In switch mode it will switch and latch the relay until it is either pressed again or a pre-set time in the programmable timer switches it.

### I/O Timer

The Securitime has an input terminal so the output relay can be switched from a source external from the unit. When the unit receives an input, it will switch and latch the relay for a programmable length of time. There is also an option to reset the I/O timer if the unit see's another input while the previous I/O timer is running.

### Secure Code

The unit can be programmed to operate with a secure code so if a user wants to access the menu or use the override button a 4-digit secure code will first need to be entered.

- 12V DC 2A rated double pole relay output
- 7 programmable timers
- 6 times per programme
- Momentary action or latched relay output
- Timed or switched override function
- Timed I/O function
- Easy to read 16x2 LCD display
- Convenient size, double gang plate
- Accurate to within 2 minutes per year
- Back up battery
- User programme stored in EEPROM, no need to reprogram due to power loss.
- Secure code option to prevent tampering
- Automatically adjusts for summer/winter time and leap years

Specification	TMR100
Supply voltage	7VDC - 14 VDC, 12VDC nom
Switch Contacts	DPCO 12V 2A
Visual Indication	16x2 LCD Display
Battery	3 V, 2032, Lithium, 210 mAh, Pressure Contact, 20 mm coin cell
Inputs	Apply +ve from the timer to the IN terminal
Enclosure	White plastic double gang plate with grey label
Dimensions	147mm x 86mm x 22mm(45mm with back plate)
Weight	0.153kg
Approvals	CE, RoHs and EMC compliant

Dimensions in mm



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