

TME116-66 Weekly Programmable Timer

Features

- LCD Display
- IP66 Protection Rating
- 28 ON/OFF Programs
- Minimum Time Setting: 1 Minute
- Manual Override Feature
- Weekly Auto Time Correction
- Lithium Backup Battery
- Battery Life: 1.5 - 2 Years
- 24 Hour, 7 Day, Weekly Programmable Timer

Specifications

- 240V AC
- Maximum Switchable Current: 16(8)A
- Power Consumption: 0.1VA
- Minimum Interval: 1 Minute
- Changeover Switching Contacts
- Maximum Time Setting: 168 Hours
- Ambient Temp: -10~+40°C
- Ambient Humidity: 35~85%RH
- Service Life:
 - i. Mechanical 10⁷
 - ii. Electronic 10⁵
- Size: 101 x 101 x 101mm
- Conduit Entries: 2 x 25mm, 1 x 32mm, 25/32mm Threaded Adaptors
- Utilization Category: AC1:20A, AC15:10A

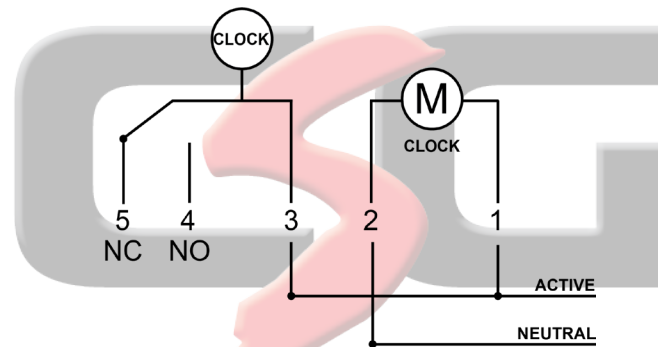
Legend

P	Timer
D+	Day
H+	Hour
M+	Minute
	Clock
C	Reset
MANUAL	Mode Operation
C/R	Program Cancel / Recovery

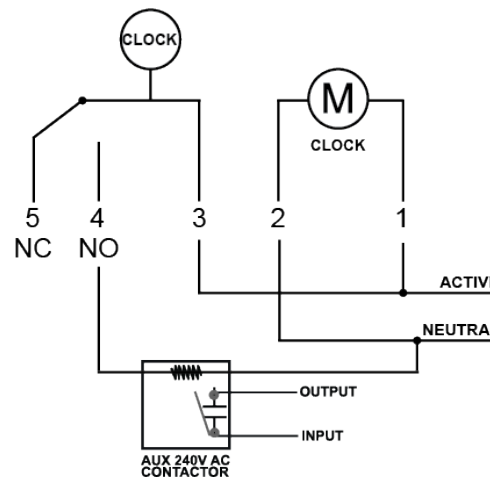
Wiring Diagram

WARNING - This device is NOT protected against the inrush current caused by capacitive charge loads of luminaries nor the startup inrush current caused by compressor or motor inductive loads. In this case, it is critical that this device be wired to operate a separate contactor of the necessary rating (not supplied) to control power to the connected load as described in the Wiring Diagram below. Failure to do so will void warranty and cause premature failure of the device. In nearly all cases, manufacturers do not advertise the inrush current of capacitive charge loads, inductive compressor or motor loads. Therefore, it is the installers responsibility to contact the manufacturer of the connected load to determine if this device is suitably rated.

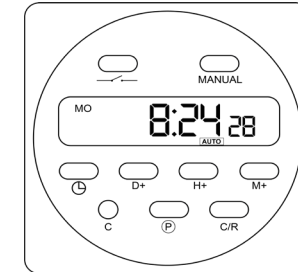
Low Current Wiring Diagram



High Current Wiring Diagram



Panel Diagram



Programming Instructions

1. Initial Power On

- 1.1. If the display screen is off after initially powering up the timer, press the 'C' button.
- 1.2. If the display screen has turned off, first check manual override operation at Point 5 has not been enabled.
- 1.3. If the display screen has turned off after a power outage and the backup battery is flat, then after power reconnection, if the display is still off then press the 'C' button.

2. Setting Clock Time

- 2.1. Press and hold the clock button and use the 'D+/H+/M+' buttons to change the day and time accordingly.

3. Setting a Program

- 3.1. Press the 'P' button to enter the 'Program' mode. Each time the 'P' button is pressed, the display will cycle through individual ON/OFF programs.
- 3.2. Use the 'D+/H+/M+' button to set each required programs day, ON time and OFF time.
- 3.3. You can delete a program ON or OFF schedule by pressing the 'C/R' button. If deleted accidentally, press the 'C/R' button again to recover the deleted program.
- 3.4. Press the 'Clock' button at any time to exit the program setting mode.
- 3.5. Ensure the clock display indicates the AUTO mode function is active. If not, press the 'Manual' button to cycle the mode from On, Off to AUTO.

4. Manual Operation

- 4.1. To override the program functions and activate the relay manually, press the 'Manual' button until the ON symbol appears on the display. The LED indicator should light up and the relay is activated.
- 4.2. To deactivate the manual operation of the relay, press the 'Manual' button and cycle the mode to AUTO operation and the AUTO symbol appears on the display. The relay will be controlled by the timer programs.
- 4.3. To override an active program, press and hold the 'Manual' button for 5 seconds until the display turns off.
- 4.4. To disable the manual override feature, press and hold the 'Manual' button for 5 seconds and the screen will power up again indicating the timer has returned to its previous active setting.

5. Display Lock

- 5.1. Press the 'Clock' button 4 times to lock the display.
Press 4 times again to unlock the display.

Troubleshooting

ERROR CODE	REASON
E1 Flashing on Display	Incorrect programming, there is a program that has an OFF time set but not an ON time
E2 Flashing on Display	Incorrect programming, there is a program that has an ON time but not an OFF time
No Display	Manual override function is active, press and hold the 'Manual' button for 5 seconds to deactivate the override and the display will power on. See Point 4.4.
	There is no power connected to rear terminal 1.
Relay does not switch power	Check that there is an active wire connected to rear terminal 3
	Check the mode of operation is set to AUTO. See point 3.4.



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