

TME116 Weekly Programmable Timer

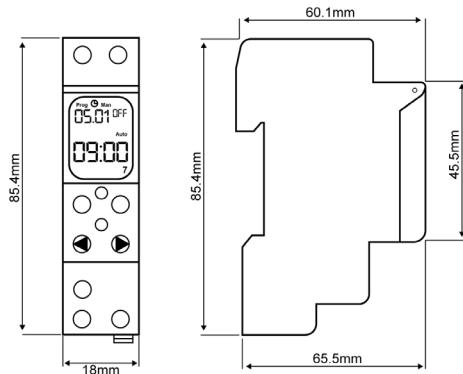
Features

- LCD Display
- Daylight Savings Mode
- 18mm Module Width
- 35mm DIN Rail Mount
- 30 ON/OFF Programs
- Lithium Backup Battery
- Battery Life: 1.5 - 2 Years

Specifications

- 230V AC
- Accuracy: ± 2 sec/day (20°C)
- Power Consumption: 3VA
- Weight: 90g
- Mechanical Life: 100,000 Cycles
- Contact Type: Normally Open + 1 Changeover Contact
- Load Rating:
 - Resistive Loads 240V AC 16A
 - Capacitive/Inductive: 240V AC 10A
 - Lamp: 1000W
 - Battery: CR2032
 - Ambient Working Temp: -10~+50 °C
 - Ambient Working Humidity: 35~85%

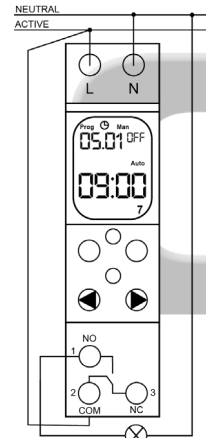
Dimensions



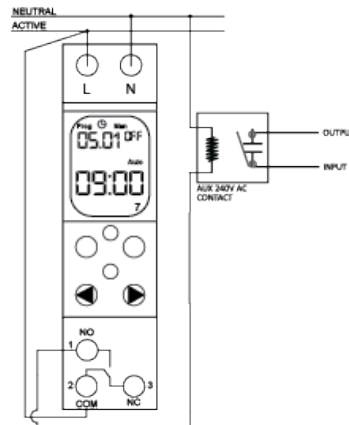
Wiring Diagram

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.

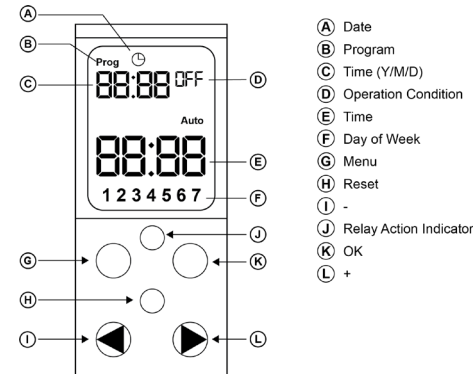
Low Current Wiring Diagram



High Current Wiring Diagram



Diagram



ON AUTO/OFF AUTO/ON/OFF

The relay function can be changed from its default OFF AUTO to ON AUTO, depending on the required action when the programmed time is reached, or set to permanently ON or permanently OFF.

Note: The ON/OFF status is the relay status prior to the programmed time being reached.

Programming Instructions

Power Up

If the display screen is off, press the 'Res' button. If at any time the display screen turns off after power up, press the 'Menu' button.

1. Setting the Date and Time

- 1.1. Press the 'Menu' button until the clock icon appears and starts flashing.
- 1.2. Press 'OK'.
- 1.3. Enter the year using the < > arrows and press 'OK'.
- 1.4. Enter the month using the < > arrows and press 'OK'.

- 1.5. Enter the day using the < > arrows and press 'OK'.
- 1.6. Enter the current hour using the < > arrows and select 'OK'.
- 1.7. Enter the current minutes using the < > arrows and select 'OK'.
- 1.8. Select the 'Menu' button to exit the programming mode. The current time is set and the current day number indication starting at Monday Day 1.

2. Setting Daylight Saving Time

- 2.1. Select the 'Menu' button until the clock icon appear and starts flashing.
- 2.2. Press 'OK'.
- 2.3. Continue to press 'OK' to advance past the year/month/day/time settings.
- 2.4. When the summer and winter icons appear and start flashing, press 'OK'.
- 2.5. The EU symbol will start to flash, using the < > arrows, toggle from EU to FREE and select 'OK'.
- 2.6. Enter the DST start month using the < > arrows and select 'OK'.
- 2.7. Enter the DST start week of the month using the < > arrows and select 'OK'.
- 2.8. Enter the DST start hour using the < > arrows and select 'OK'.
- 2.9. Enter the DST end month using the < > arrows and select 'OK'.
- 2.10. Enter the DST end week using the < > arrows and select 'OK'.

3. DST Delete

- 3.1. To delete a daylight saving program, complete steps 3.1 to 3.4.
- 3.2. When the EU symbol starts flashing, use the < > arrows to toggle to Del and select 'OK'. The daylight saving program is now deleted.

4. Setting a Program ON/OFF Time

- 4.1. Press the 'Menu' button once and the Prog symbol will start to flash. Select 'OK'.
- 4.2. Select the program number ON or OFF setting using the < > arrows and select 'OK'.

NOTE: If programming ON and OFF times in sequence, the programs will advance to the next program ON/OFF setting.

- 4.3. Select the hour in 24 hour format using the < > arrows and select 'OK'.
- 4.4. Select the minutes using < > arrows and select 'OK'. 'Copy' now appears which gives you the option to copy the program parameter to all days, selected days or not copied.

NOTE: By default, all days are selected to copy to.

5. Copy Program to all Days (Default)

- 5.1. When 'Copy' appears in Step 5.4 above, select 'OK'. The program parameter is copied to every day by default. The program mode advances to the next program setting either ON or OFF.

NOTE: Press the 'Menu' button to exit the Program mode.

6. Copy Program to Selected Days

- 6.1. When 'Copy' appears in Step 5.4 above, use the > arrow to toggle to the day you wish to delete the copy feature from and then using the < arrow, toggle back until 'Del' appears. Next select the > arrow to accept deletion.
- 6.2. Toggle to the next day using the > arrow.
- 6.3. Select 'OK' when satisfied that the required days are either copied to or deleted.

7. Do Not Copy Program to Days

- 7.1. When 'Copy' appears in Step 5.4 above, use the < arrow to toggle to 'Del', then select 'OK'. The copy to days function is cancelled and the program mode advances to the next program ON/OFF setting.

NOTE: Select 'Menu' to exit the programming function.

8. Manual Override

- 8.1. To manually force ON, press and hold both the <+> arrows. The timer will cycle from OFF Auto/ON Auto/ON/OFF.

