

Programmable Daily On/Off (7 Channels) Timer Module (10.06.2010)

Model No.: 40F-273K

Specifications:

- A. Physical Size:
 - ✓ PCB Size: 55 x 53 mm
 - ✓ Plastic Frame: 43 x 32 mm
 - ✓ Thickness: 7 mm
- B. LCD Display
 - ✓ Screen Size: 36 x 16 mm
 - ✓ Number of Digit: 4 digits
 - ✓ Digit Height: about 9 mm
- C. Power Source:
 - ✓ Main Power – 3.60 V, converted from AC normally
 - ✓ Back Up Power – Battery, 3.00 V
- D. Low Power Detector: Warning mark (broken battery) flashing when backup voltage below 2.70 V
- E. Number of ON/OFF setting: 7 channels
- F. Shortest switching time: 1 minute
- G. Minimum programmable time interval: 1 minute
- H. Manual override: yes
- I. Switching status indicator: yes
- J. Time display: Either AM/PM or 24:00 for military time
- K. Output Control Signal:
 - ✓ Timer ON : + 3.60 V
 - ✓ Timer OFF : 0 V
- L. Operation Temperature: -10 ~ +50 °C
- M. Storage Temperature: -20 ~ +60 °C

I/O Connection J5 (4P, pitch 2.0 mm):

1. POWER
2. VBAT (Backup battery)
3. RLYDRV (Control Output), 3.00 V
4. GND

Slide Switches:

1. Clock Set (SW7) – Push upward to select setting mode of real time. Use Hour (SW1), and Minute (SW2) button to adjust. Push downward to lock the setting.
2. Timer Set (SW8) – Push upward to select timer setting mode; push downward to return to real time mode.
3. Override On/Off (SW9) – Set on the center position for normal mode. Push upward to override timer ON, and downward to override timer OFF.

Buttons:

1. HOUR (SW1) – To adjust hour of real time, or timer ON/OFF time
2. MINUTE (SW2) – To adjust minute of real time, or timer ON/OFF time
3. SYSTEM RESET (SW3)– To reset the whole system
4. CONFIRM (SW5) – At timer setting mode to CONFIRM the adjusted ON (or OFF) time, and switch to OFF (or ON) time mode.
5. CANCEL (SW4) – To reset the LCD reading of ON or OFF time of each channel
6. CHANNEL (SW6) – To select each channel

