



ET050 Series 7-Day Time Switch (Permits Different Operation Each Day)

The ET050 series of electronic DIN Rail mounted 7-day timers provide to-the-minute programming for accurate load control and reduced energy costs. Up to 16 set points or events (8 ON/8 OFF or any combination) can be preset to automatically repeat on a weekly or daily basis. The program can be overridden at any time by pressing the override button.

Specifications

Events – 8 ON/OFF operations per day

Mounting – DIN Rail mount – Includes adapter for surface mounting

Special Voltages and Cycles – ALL models 50 or 60 Hz.

Switch Configuration – Single Pole Double Throw (SPDT)

Switch Rating – Contact Configuration – SPDT; 20 Amp Resistive @ 120VAC; 16 Amp Resistive @ 250VAC; 3.5 AMP Inductive @ 250VAC; 500 Watt Tungsten

Carry-over – Field replaceable CR 2032 Lithium-Battery maintains program and accurate time keeping for 3 years minimum.

Wiring Terminals – #18 to #10 AWG wire.

Minimum ON/OFF Times – 1 minute.

Maximum ON/OFF Times – 6 days 23 hours 59 minutes

Engineering Specification

7 Day Electronic Time Switch
The time switch shall be a self-contained electronic control capable of admitting 8 ON/OFF set points per circuit to be distributed on a weekly or daily schedule. Set points shall be programmable to the nearest minute with a minimum ON duration of 1 minute and a maximum ON duration of 6 days 23 hours and 59 minutes. The timer shall have a digital LCD readout to show time-of-day using 12 hour indication. The time switch shall provide a manual override control for both temporary and permanent override. Time switch shall operate over a temperature range of -40°F (-40°C) to 155°F (68°C).
Industrial Lithium battery shall carryover time-of-day and program data for a minimum of 3 years. Switch shall have a maximum frequency rating of: 16/20 amps Resistive, 120/250 Volts AC, 60 Hz; 3 HP, 240 Volts AC, 60 Hz; 30 amps Resistive, 120/250 Hz. The time switch shall be powered by a (24 VDC) (120 VAC) (240 VAC) source. The time switch shall be DIN rail or surface mountable. The time switch shall be listed under UL Category 91 Energy Management Equipment and shall be INTERMATIC Model (ET051C24), (ET051C120), (ET051C240), (ET052C24), (ET052C120), (ET052C240).

| Model# | Circuits | Switch | Clock Voltage | Rating | Mounting |
|-----------|----------|--------|---------------|--------|---------------|
| ET051C24 | 1 | SPDT | 24 VAC | 3.5 | DIN / Surface |
| ET051C120 | 1 | SPDT | 120 VAC | 16 | DIN / Surface |
| ET051C240 | 1 | SPDT | 240 VAC | 20 | DIN / Surface |
| ET052C24 | 2 | SPDT | 24 VAC | 3.5 | DIN / Surface |
| ET052C120 | 2 | SPDT | 120 VAC | 16 | DIN / Surface |
| ET052C240 | 2 | SPDT | 240 VAC | 20 | DIN / Surface |



ET051



ET052

No Longer Available