T100 Series 24 Hour Dial

The time switch shall be of the 24 hour dial type capable of permitting up to 12 ON/OFF operations each day. The time switch shall provide a minimum ON or OFF time of 1 hour. Time switch to be powered by (125), (208-277) volt AC, 60 Hz power supply. The time switch motor shall be a synchronous motor which shall be designed to withstand a minimum of 6000 volt transients. The time switch motor shall be connected to the terminal strip with ring type connectors and shall not be a soldered type connection.

The time switch mechanism shall be a snap in design to provide ease of mechanism removal for mounting the enclosure. The time switch enclosure shall be a _____, (NEMA 1 steel), (NEMA 3R steel), (NEMA 3R plastic) lockable enclosure which shall be painted with an electrostatic painting process to eliminate the potential for corrosion. The time switch enclosure shall provide a minimum of 31 cubic inches of wiring space and shall provide a non-removable cover which shall switch open a full 180 degrees. The time switch shall provide clear terminal identification on a see-through non-curling terminal insulator. A visual indicator shall be provided in the time switch for inspecting clock motor operation.

The time switch contact blades shall be a one piece design with welded silver alloy contacts and shall be designed to provide wiping action on contacts during operation to ensure reliable load switching. Terminal connections shall be made using teeter type terminal screws to provide secure connections for wire sizes up to 8 AWG. Switch configuration shall be _____ (SPST), (DPST), (1NO/1NC) with a UL listed switch rating of:

- 40 amp Resistive each Pole, 120-480 Volts AC
- 40 amp Tungsten, Inductive or 1000 VA Pilot Duty each Pole, 120-277 Volts AC
- 2 HP (24 FLA), 120 Volts AC
- 5 HP (28 FLA), 240 Volts AC Single Phase
- 7-1/2 HP (28 FLA), 208 Volts AC
- 10 HP (28 FLA), 240 Volts AC, 3-Phase

Time switch shall be UL listed under UL category 917 Clock Operated Switches and shall be INTERMATIC Model _____.