



T100M Series 24 Hour Mechanical Time Switch Mechanisms

These heavy duty Time Switch Mechanisms are designed for industrial, commercial and residential applications, and have the highest motor load ratings in the industry. They provide up to 12 ON-OFF operations each day with minimum ON-OFF time of 1 hour. All models are equipped with "ON" and "OFF" trippers and can be installed in almost all Intermatic enclosures.

Applications

- Filter pumps
- Heat pumps
- Lighting

Specifications

Switch Rating: 40 Amp Resistive each pole 120-480 VAC; 40 Amp Tungsten, inductive or 1000 VA pilot duty each pole 120-277 VAC; 2 HP (24 FLA) 120 VAC; 5 HP (28 FLA) 240 VAC.

Shipping Weight: See Table

Agency approval: CSA/C-US

Model #	Description/Mechanism	Switch	Clock Supply Volts 60 Hz	Shipping Weight
T101M	Mechanism only	SPST	120	1.4 lbs (0.6 kg)
T102M	Mechanism only	SPST	208-277	1.4 lbs (0.6 kg)
T103M	Mechanism only	DPST	120	1.4 lbs (0.6 kg)
T104M	Mechanism only	DPST	208-277	1.4 lbs (0.6 kg)
T106M	Mechanism only for 2-speed pump apps	SPDT	208-277	1.4 lbs (0.6 kg)

Note: See page 128 for available metal and plastic enclosures



T104M

T100M201 Series 24 Hour Mechanical Time Switch Mechanism with Heater Protection

This Time Switch Mechanism provides coordinated control for heater and filter pump operations. It is designed to turn OFF a gas fired swimming pool heater approximately 20 minutes before the filter pump shuts down. This eliminates the problem of pounding and knocking due to overheated water, reduces scale and lime deposits and extends the service life of the heater. The 24-hour dial allows up to 12 ON-OFF operations each day. One set of "ON" and "OFF" trippers are supplied with each switch. Minimum ON-OFF time is one hour. Additionally, this mechanism can be installed in almost all Intermatic enclosures.

Applications

- Pool and/or spa pumps with gas fired heaters

Specifications

Switch Rating: 40 Amp Resistive each pole 120-480 VAC; 40 Amp Tungsten, inductive or 1000 VA pilot duty each pole 120-277 VAC; 2 HP (24 FLA) 120 VAC; 5 HP (28 FLA) 240 VAC.

Heater Control Circuit: 10 Amp, 240V. max

Shipping Weight: See Table

Agency approval: CSA/C-US

Model #	Description/Mechanism	Switch	Clock Supply Volts 60 Hz	Shipping Weight
T104M201	Mechanism only with heater protection	DPST	208-277	1.4 lbs (0.6 kg)

Note: See page 128 for available metal and plastic enclosures



T104M201