



Mechanical Time Switches



T100 Series Pool/Spa Time Switches

These heavy duty Mechanical Time Switches 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 a minimum ON-OFF time of 1 hour. All models are equipped with "ON" and "OFF" trippers and they are available in either plastic or metal indoor/outdoor enclosure.

T100R201 and T100P201 Series Time Switches are 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.

Applications

- Booster pumps
- Fans
- Heat pumps
- Lighting
- Air conditioning
- Swimming pool and/or spa filter pumps with gas fired heaters
- Hydrochlorinators
- Music and signal system

Specifications

Case: NEMA 3R rated for indoor-outdoor installation. 0.034" drawn steel 9-3/8" (23.8 cm) H, 5-1/2" (14.0 cm) W x 3-5/8" (9.2 cm) D in beige finish. "P" models are the same as above, except made from outdoor grade plastic.

Knockouts: Combination 1/2"-3/4" nominal knockouts, (1) on back and each side of case and (2) on bottom.

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 Protection Circuit: 10 Amp, 240 V. max.

Shipping Weight: 3.75 lbs (1.7 kg)

Agency Approval: CSA/C-US

Model #	Description	Switch	Clock Supply Volts 60Hz
2T485GA	Metal enclosure only	None	NA
2T2502GA	Plastic enclosure only	None	NA
2TP3352A	Plastic enclosure only with safety door	None	NA
T101P3	Time switch in plastic enclosure	SPST	120
T104P3	Time switch in plastic enclosure	DPST	208-277
T101R3	Time switch in metal enclosure	SPST	120
T104R3	Time switch in metal enclosure	DPST	208-277
T101P201*	Time switch in plastic enclosure w/heater protection	SPST	120
T104P201*	Time switch in plastic enclosure w/heater protection	DPST	208-277
T101R201*	Time switch in metal enclosure w/heater protection	SPST	120
T104R201*	Time switch in metal enclosure w/heater protection	DPST	208-277

*The heater protection switch (fireman switch) is closed when the time switch contacts are open to allow remote operation of the heater.

A flow or pressure switch therefore must always be part of the heater control circuit.

For additional trippers (1 ON / 1 OFF per pack), order No. 156T1978A.

For additional "OFF" trippers (25 "OFF" per pack), order No. PA115

Note: See pages 121 and 127 for a detailed list of replacement mechanisms.