



Safety Transformers



<http://waterheatertimer.org/Intermatic-trippers-and-parts.html#pool-lights>

PX Series Pool and Spa Transformers

These safety transformers are specifically designed to operate in harsh environments, such as high humidity, combined with heat, and chemicals typically found around pools and spas.

The two piece enclosure is made from stainless steel or galvanized steel and electrostatically coated with powder paint in order to weather the elements. With cover removed, the high and low voltage compartments are fully exposed and the knock-outs make wiring extremely convenient.

The transformer is made by the unique, two bobbin process and has a safety shield between the primary and secondary windings. In addition, the entire transformer is vacuum impregnated to resist moisture as well as for cooler, more efficient, and quieter operation. The output voltage of the secondary is selectable, depending on the input connections. All transformer models are safeguarded by an integral automatic-reset protector.

PX Series Applications

- Pool /Spas Lights
- Outdoor Lighting
- Fountain Lighting

Specifications – PX100(S) & PX300(S)

ENCLOSURES– 7-1/4" (19.4 cm) high x 5-1/4" (13.3 cm) wide x 4-1/2" (11.4 cm) deep. Stainless steel or steel with electrostatically applied light beige finish. Mounting brackets top and bottom.

KNOCKOUTS – Total of eight 1/2"-3/4" combination.

(4) bottom, (2) right side, (1) left side, (1) back.

ELECTRICAL RATING– See table.

SHIPPING WEIGHT – See table.

AGENCY APPROVAL – C/US

Specifications – PX600

ENCLOSURES– 10" (25.4 cm) high x 10" (25.4 cm) wide x 5" (12.7 cm) deep. Stainless steel or steel with electrostatically applied light beige finish. Mounting brackets top and bottom.

KNOCKOUTS – Two combination 1/2"-3/4", and 4 combination 3/4"-1" knockouts on the bottom. Total of six combination 1/2"-3/4" knockouts, (2) right side, (1) left side, (2) back.

ELECTRICAL RATING– See table.

SHIPPING WEIGHT – See table.

AGENCY APPROVAL – C/US

MODEL NUMBER	DESCRIPTION	INPUT	OUTPUT	SHIPPING WEIGHT
PX100	100 Watt Beige Steel	120V, 1 Amp	12 or 13V	7 lbs
PX100S	100 Watt Stainless Steel	120V, 1 Amp	12 or 13V	7 lbs
PX300	300 Watt Beige Steel	120V, 3 Amp	12, 13 or 14V	13 lbs
PX300S	300 Watt Stainless Steel	120V, 3 Amp	12, 13 or 14V	13 lbs
PX600	600 Watt Beige Steel	120V, 6 Amp	12, 13 or 14V	25 lbs

Pool Panels with Transformers



T10000RT Series Pool/Spa Control Centers with Transformer

These Transformer Panels offer an all-in-one, easy to wire and extremely cost effective control center for any pool or spa installation. The enclosure includes the time switch, transformer and other components needed for the completion of an installation. In addition, they have provision for mounting a switching device or GFCI on the side as well as additional switching devices on the inside. Numerous combination knockouts and the rectangular side knockout will accommodate any wiring requirement.

Applications

- Pool /Spas Lights • Outdoor Lighting • Fountain Lighting

Specifications

CASE- 12-3/4" (32.4 cm) high, 12-3/4" (32.4 cm) wide, 4-1/4" (10.8 cm) deep.

KNOCKOUTS – Main wiring compartment - Five combination 1/2"-3/4", two combination 3/4" - 1" knockouts on the bottom. One combination 1/2" - 3/4" and one combination 3/4" - 1" knockouts on the back. One 1 3/4" x 2 3/4" knockout on the right side for mounting a switching device or GFCI. Two combination décor/toggle switch knockouts on the deadfront. Pool Light wiring compartment - Two combination 1/2" - 3/4" knockouts on the side and two combination 3/4" - 1" knockouts on the bottom.

TRANSFORMER RATING – Input: 120V, 60 Hz., Output: See table.

TIME SWITCH RATING – 40 amp. resistive each pole 120-480V.A.C., 40 amp. tungsten, inductive or 1000 VA pilot duty each pole 120-277V.A.C., 2 H.P. (24 FLA)-120V.A.C., 5 H.P. (28 FLA)-240V.A.C.

MODEL NUMBER	TRANSFORMER OUTPUT	TIME SWITCH MECHANISM	SHIPPING WEIGHT
T10004RT1	12V, 13V – 100 Watt	T104M	14 lbs.
T10004RT3	12V, 13V, 14V – 300 Watt	T104M	20 lbs.



T40000RT Series Pool/Spa Control Centers with Transformer

These Transformer Panels are similar to the T10000RT Series, except for their size and capacity. The T40000RT features a 8/16 circuit breaker base, an equipment grounding bar and provision for mounting a switching device or GFCI on the side as well as an additional switching device on the inside. The enclosure accepts any combination of P1000ME, T100M, RC2000M, and PF1000M Series mechanisms.

Applications

- Pool /Spas Lights • Outdoor Lighting • Fountain Lighting

Specifications

CASE- 20-3/4" (52.7cm) high, 12-3/4" (32.4 cm) wide, 4-1/4" (10.8 cm) deep.

KNOCKOUTS – Main wiring compartment - Four 1/2", one combination 1/2"-3/4", one combination 3/4" -1", and one combination 1" - 1 1/4" - 1 1/2" knockout on the bottom. Two combination 1/2" - 3/4" and one combination 3/4" - 1" knockouts on the back. One 1 3/4" x 2 3/4" knockout on the right side for mounting a switching device or GFCI. One combination décor/toggle switch knockout on the deadfront. Pool Light wiring compartment - Two combination 3/4" - 1" knockouts on the bottom.

PANEL RATING – 100 amp. maximum, 120/240V.A.C. or 128/208V.A.C. single phase (3-wire)

TRANSFORMER RATING – Same as T10000RT Series

TIME SWITCH RATING – Same as T10000RT Series

MODEL NUMBER	TRANSFORMER OUTPUT	TIME SWITCH MECHANISM	SHIPPING WEIGHT
T40003RT3	12V, 13V, 14V – 300 Watt	T103M	14 lbs.
T40004RT1	12V, 13V – 100 Watt	T104M	20 lbs.
T40004RT3	12V, 13V, 14V – 300 Watt	T104M	20 lbs.