

Safety Transformers

PX100, PX300 & PX600 Series Safety Transformers

These Safety Transformers are specifically designed to supply 12 volts to pool/spa lights, submersible fixtures and outdoor garden lights. A grounded shield between the primary and secondary windings assures safe operation and the built-in circuit protection will disconnect power to the transformer in case of defect or overload.

Applications:

- Pool Lights
- Spa Lights
- Garden Lights
- Fountain Lights

Specifications:

PX100/S, PX300/S

Enclosure: Stainless steel or steel with electrostatically applied light beige finish

Mounting brackets top and bottom

7.25 in. (19.4 cm) H x 5.25 in. (13.3 cm) W x 4.5 in. (11.4 cm) D

Knockouts: Total of ten combination 1/2 – 3/4 in. knockouts, (2) right side, (2) left side, (2) back, (4) bottom

Electrical Rating: See table

Shipping Weight: See table

PX600/S

Enclosure: Stainless steel or steel with electrostatically applied light beige finish.

Mounting brackets top and bottom

10 in. (25.4 cm) H x 10 in. (25.4 cm) W x 5 in. (12.7 cm) D

Knockouts: Two combination 1/2 – 3/4 in., and 4 combination 3/4 – 1 in. knockouts on the bottom. Total of six combination 1/2 – 3/4 in. knockouts, 2 right side, 2 left side, 2 back

Electrical Rating: See table

Shipping Weight: See table

Model #	Description	Input 60 Hz	Output	Shipping Weight
PX100	100 W Beige Steel Enclosure	120 VAC, 1 Amp	12 or 13 V	7.0 lbs (3.2 kg)
PX100S	100 W Stainless Steel Enclosure	120 VAC, 1 Amp	12 or 13 V	7.0 lbs (3.2 kg)
PX300	300 W Beige Steel Enclosure	120 VAC, 3 Amp	12, 13 or 14 V	13.0 lbs (5.9 kg)
PX300S	300 W Stainless Steel Enclosure	120 VAC, 3 Amp	12, 13 or 14 V	13.0 lbs (5.9 kg)
PX600	600 W Beige Steel Enclosure	120 VAC, 6 Amp	12, 13 or 14 V	26.0 lbs (11.7 kg)
PX600S	600 W Stainless Steel Enclosure	120 VAC, 6 Amp	12, 13 or 14 V	26.0 lbs (11.7 kg)



Mechanical Controls With Safety Transformers

T10000RT, T40000RT & PE45343RCT Series

Pool Panels with Transformer

These Panels with Transformer offer an all-in-one, easy to wire and extremely cost effective electrical control center for any pool or spa installation. Inside the enclosure are the time switch, the transformer and other components needed for the completion of this installation. The T40000RT Series panels will accept additional Intermatic mechanisms and/or components.

The PE45343RCT Series includes all the features of the PE Series Digital Controls plus two PE24VA valve actuators, Wireless Panel-Mounted Transceiver (PE953), which allows the system to display the status of each of the five circuits (3 timed and 2 on demand), pool and spa water temperature, pool and spa thermostat set point, heating status and overall communication status. (See pages 120-121)

Applications:

- Filter Pumps
- Blowers
- Low Voltage Pool/Spa Lighting
- Low Voltage Outdoor Lighting
- Fountains

Specifications:

T10000RT Series

Enclosure: 0.048 in. steel with electrostatically applied light beige finish
12 in. (30.5 cm) H x 12 in. (30.5 cm) W x 4¼ in. (10.8 cm) D

Knockouts: Five combination ½ – ¾ in. and two combination ¾ – 1 in. knockouts on the bottom. One combination ½ – ¾ in. on the left side and one combination ¾ – 1 in. on the back. One knockout 1¾ x 2¾ in. on the right side for mounting switches or GFCI

Center Rating: 62 Amp per leg, 168 Amp Max., 120, 240 VAC or 120, 208 VAC single phase, 60 Hz

Shipping Weight: See table

T40000RT Series

Enclosure: 0.048 in. steel with electrostatically applied light beige finish
20¾ in. (52.7 cm) H x 12¾ in. (32.4 cm) W x 4¼ in. (10.8 cm) D

Knockouts: Seven combination ½ – ¾ in. and three combination ¾ – 1 in. knockouts on the bottom. Five combination ½ – ¾ in. on the left side. One 1¾ x 2¾ in. knockout on the right side for mounting switches and GFCI

Panel Rating: T40000RT Series — 100 Amp, 120, 240 VAC or 120, 208 VAC single phase, 60 Hz

Time Switch Rating: T40000R Series – See page 130

Transformer Rating: See table

Shipping Weight: See table

Model #	Transformer Watts	Input 60 Hz	Output	Mechanism	Shipping Weight
T10004RT1	100	120 VAC, 1 Amp	12 V, 13 V,	T104M	14.0 lbs (6.3 kg)
T10004RT3	300	120 VAC, 3 Amp	12 V, 13 V, 14 V	T104M	20.0 lbs (9.0 kg)
T40003RT3	300	120 VAC, 3 Amp	12 V, 13 V, 14 V	T103M	32.0 lbs (14.4 kg)
T40004RT1	100	120 VAC, 1 Amp	12 V, 13 V,	T104M	26.0 lbs (11.7 kg)
T40004RT3	300	120 VAC, 3 Amp	12 V, 13 V, 14 V	T104M	32.0 lbs (14.4 kg)

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

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

For stand-offs for décor knockouts (4 stand-offs per pack), Order No. 21T156A.

Note: See Page 130 for a detailed list of T100M replacement mechanisms.

See page 114 for Digital Controls



T10004RT1



T40004RT3

