

# Safety Transformers



PX100

PX100S



PX300

PX300S



PX600

PX600S



## 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 4 1/4 in. (10.8 cm) D

**Knockouts:** Five combination 1/2 – 3/4 in. and two combination 3/4 – 1 in. knockouts on the bottom. One combination 1/2 – 3/4 in. on the left side and one combination 3/4 – 1 in. on the back. One knockout 1 3/4 x 2 3/4 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  
20 3/4 in. (52.7 cm) H x 12 3/4 in. (32.4 cm) W x 4 1/4 in. (10.8 cm) D

**Knockouts:** Seven combination 1/2 – 3/4 in. and three combination 3/4 – 1 in. knockouts on the bottom. Five combination 1/2 – 3/4 in. on the left side. One 1 3/4 x 2 3/4 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**

