

ELECTRONIC LOW VOLTAGE TRANSFORMERS

Case Material: Polycarbonate

ELECTRICAL/MECHANICAL SPECIFICATIONS:

| | |
|---------------------------|--|
| Enclosure Material | UL Recognized, flame retardant, high temperature engineering resin |
| Color | Black or White |
| Weight | 4 oz. |
| Power Factor | >.95 |
| Operating Frequency | 25kHz |
| Total Harmonic Distortion | ≤20% |
| Output Lead | 10' SPT-1 or SPT-2 18 AWG stripped and tinned 3/8" |

ENVIRONMENTAL SPECIFICATIONS:

| | |
|--------------------------|---|
| Maximum Case Temperature | 75°C |
| Sound Rating | A |
| Operating Humidity | 95% relative humidity, non-condensating |
| Environmental Protection | Epoxy Sealed for moisture resistance No PCBs |

PRODUCT FEATURES :

- Low Harmonic Distortion
- High Power Factor
- High Reliability
- 100% Factory Tested
- Emits No Audible Noise
- UL Listed, Class 2 (up to 60 Watts)
- Electronic Short Circuit Protection
- Moisture and Shock Resistant
- Nickel-Plated Hospital Grade 120 Volt Plug

APPROVALS:

- UL Listed Class 2 for 20 & 60 watt only
- CSA Certified and C-UL Listed



Electronic Short-Circuit Protection

All Hatch low-voltage transformers employ our (ESP) Electronic Short Circuit and Overload Protection. The ESP sensing circuit will instantly shut down the output before any of the components are stressed if a short circuit or overload is detected. The transformer will automatically reset as soon as the fault is corrected.

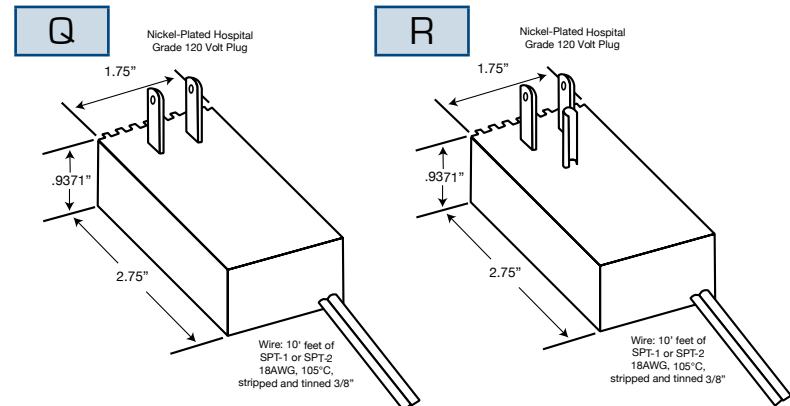
Soft Start Circuitry

All models of Hatch low-voltage transformers utilize a soft start circuitry to maximize lamp life. The soft start circuit ramps up the lamp filament voltage slowly when the lamp is cold.

| Max Watts | Min Watts | Hatch Part Number | Input Volts | Output Volts | Input Amps | Output Amps | Case Color | Case Style | Safety Listing |
|-----------|-----------|-------------------|-------------|--------------|------------|-------------|------------|------------|------------------------|
| 20 | 10 | PS12-20LB | 120 | 11.5 | 0.16 | 1.7 | Black | Q | UL/C-UL Listed Class 2 |
| | | PS12-20LW | | | | | White | Q | |
| 60 | 20 | PS12-60LB | 120 | 11.5 | 0.52 | 5.2 | Black | R | UL/C-UL Listed Class 2 |
| | | PS12-60LW | | | | | White | R | |
| 75 | 20 | PS12-75LB | 120 | 11.5 | 0.63 | 6.3 | Black | R | UL/C-UL Listed |

NOTE: It is imperative to confirm dimming control compatibility with the manufacturer and your Hatch representative.

CASE STYLE:



COLOR:



Custom output cord and connectors available.
Contact Hatch for more information.