

### ELECTRONIC LOW VOLTAGE KNOCKOUT TRANSFORMER

Input Voltage	120Vac - 50-60Hz
Output	11.5 VAC or 23.5 VAC
Enclosure Material	Metal
Weight	16 oz.
Power Factor	> 0.95
Operating Frequency	25KHz
Total Harmonic Distortion	≤ 20%
Input	6", 18AWG stranded, 105 degree C stripped 3/8" tinned
Output	6", 18AWG stranded, 105 degree C stripped 3/8" tinned

### ENVIRONMENTAL SPECIFICATIONS:

Maximum Case Temperature	80°C
Minimum Starting Temperature	-30°C
Sound Rating	A+
Operating Humidity	95% relative humidity, non-condensing
Environmental Protection	Epoxy Sealed for moisture resistance and shock/vibration resistance

### PRODUCT FEATURES :

- High Reliability
- Moisture Resistant
- Emits no audible noise
- Low Harmonic Distortion
- High power factor
- Lightweight, compact design
- Small case size
- Works with most commercially available dimmers. Hardwire electronic dimmers are recommended for optimum performance.
- Available in Black and White Cases (White cases special order only)

### APPROVALS:

-ETL listed



### 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.

NOTE: Instant Start on Hot Lamp Re-Strike

### ELECTRICAL FEATURES:

### Electronic Short-Circuit Protection

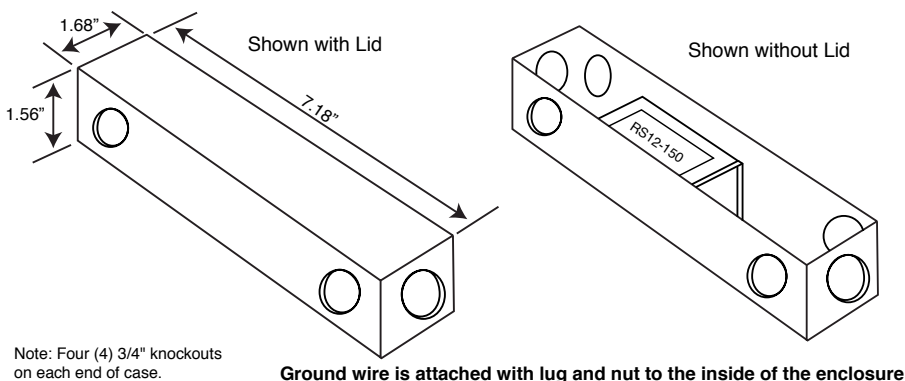
All hatch low-voltage transformers employ our (ESP) Electronic Short Circuit and overload Protection. The ESP sensing circuit will instantly shut down the output before any of the components are stressed if a short circuit or over load is detected. The transformer will automatically reset as soon as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

### HARDWIRE ELECTRONIC

Hatch Part Number	Max Watts	* Min Watts	Input Volts	Input Amps.	Output Volts	Output Amps	Color	Case Quantity	Safety Listing
RS12-150KO	150	10	120	1.25	11.5	13.05	BLACK	18/Case	ETL Listed
RS24-150KO					23.5	6.39	BLACK		
RS12-150KOW					11.5	13.05	WHITE		
RS24-150KOW					23.5	6.39	WHITE		

\* NOTE: Must use a minimum of 20 watts when using dimmers. It is also important to confirm dimming controls compatibility with the manufacturer and your Hatch representative.

### DIMENSIONS:



### WIRING DIAGRAM:

