

Electronic Transformers

150 WATT "RS" SERIES ELECTRONIC TRANSFORMERS



RS12-150

Electrical/Mechanical Specifications

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

Electronic Short-Circuit Protection


All Hatch low-voltage transformers employ our (ESP) Electronic Short Circuit and over load 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.

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Electronic Low Voltage Transformer 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

Environmental Specifications

Maximum Case Temperature	80°C
Sound Rating	A+
Operating Humidity	95% relative humidity, non-condensating
Environmental Protection	Epoxy Sealed for moisture resistance and shock/vibration resistance
Safety Listing	 Class P Type 1 outdoor

Electrical/Mechanical Specifications

Input	120VAC or 277VAC - 50/60 Hz
Output	11.5 VAC or 23.5
Enclosure Material	Metal
Weight	6.4 oz.
Power Factor	> 0.95
Operating Frequency	25 KHz
Total Harmonic Distortion	≤ 20%
Safety Standard	  
Input Leads6", 18AWG stranded, 105 degree C stripped 3/8" tinned
Output Leads6", 18AWG stranded, 105 degree C stripped 3/8" tinned

hatch

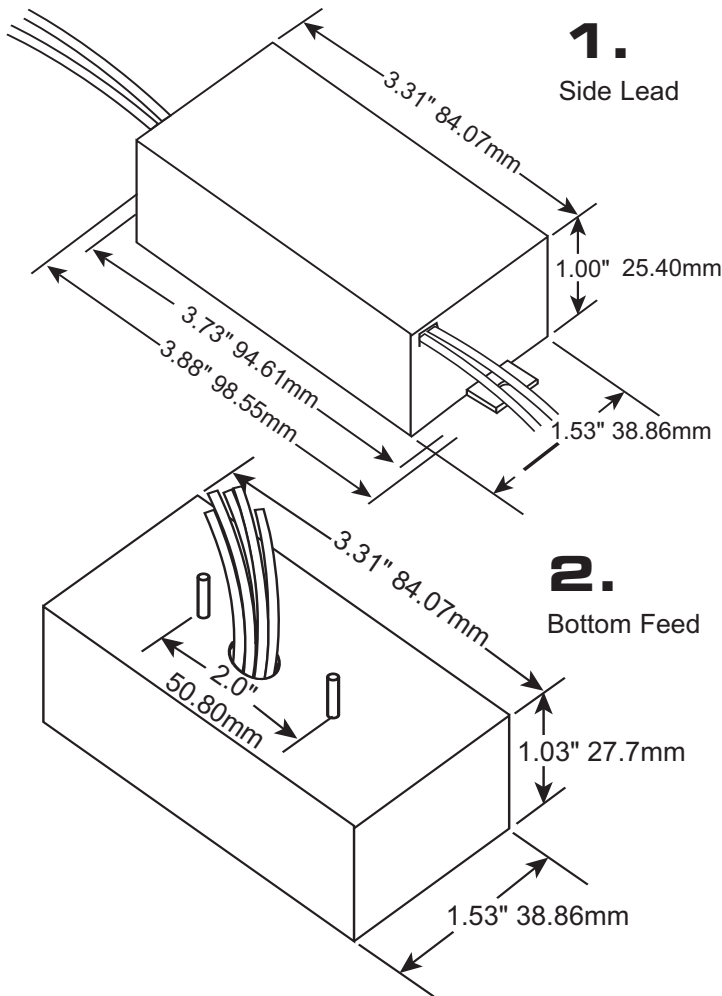
Hatch Transformers, Inc.

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Electronic Transformer

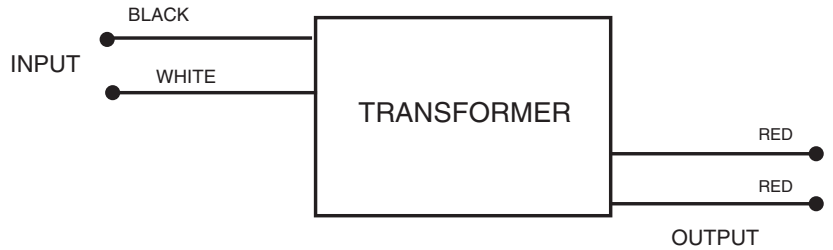
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DIMENSIONS



WIRING DIAGRAMS

DIAGRAM A



HARDWIRE ELECTRONIC

Max Watts	Min Watts	Input Volts	Input Amps	Output Volts	Output Amps	Case Style	Wiring Dia.	Hatch Item No.	Safety Listing
150	35	120	1.25	11.5	13.05	1	A	RS12-150	UL/C-UL Recognized
				23.5	6.39	1	A	RS24-150	
				11.5	13.05	1	A	RS12-277	
		277	0.55	11.5	13.05	1	A	RS12-277	
						2	A	RS12-277BF	
						2	A	RS12-277BF	

*Note: Must use a minimum of 35 watts when using dimmers.

Specifications subject to
change without notice.
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