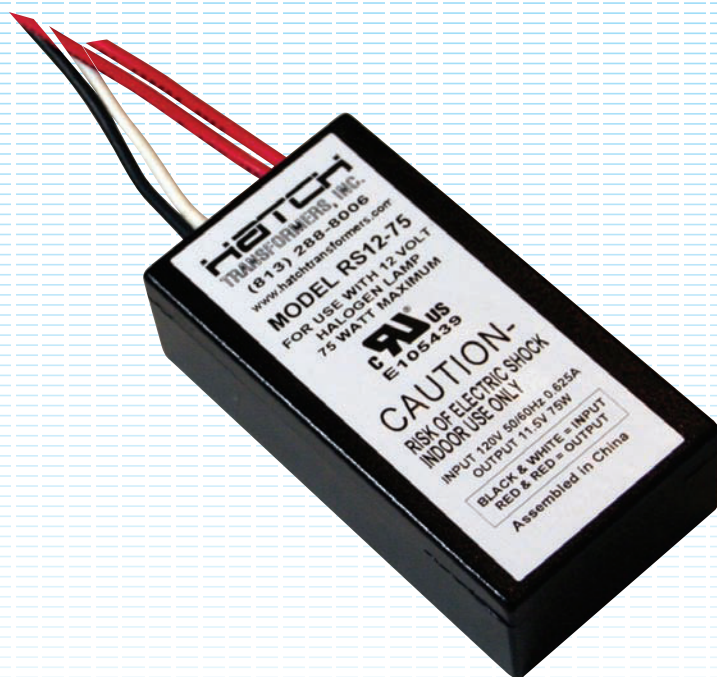


Electronic Transformers

60 & 75 WATT "RS" SERIES ELECTRONIC TRANSFORMERS

PLASTIC CASE



RS12-60 AND RS12-75

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.

NOTE: High temperature 3M double sided tape available for use with side lead models only for mounting transformer to enclosure.

60&75 Watt RS Series

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	
Minimum Starting Temperature	-30°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
Enclosure Material	Polycarbonate
Weight	2.4 oz.
Power Factor	> 0.95
Operating Frequency	25 KHz
Total Harmonic Distortion	≤ 20%
Safety Standard	 Class 2-up to 60 Watt only
Input Leads	6", 18AWG stranded, 105 degree C stripped 3/16" tinned
Output Leads	6", 18AWG stranded, 105 degree C stripped 3/16" tinned

HATCH

Hatch Transformers, Inc.

5403 West Gray Street, Tampa Florida 33609 • Ph: 813-288-8006 • Fax: 813-288-8105 • www.hatchtransformers.com

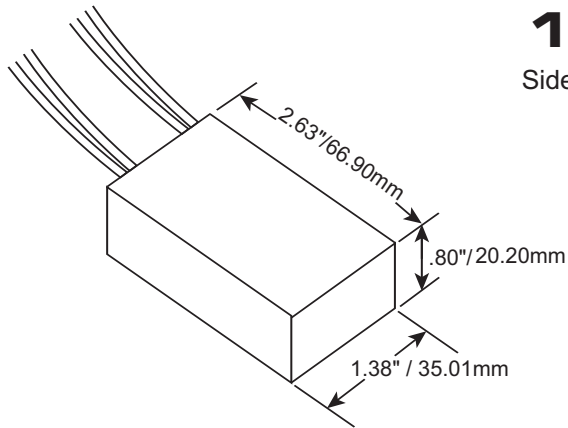
Electronic Transformer

60&75 Watt RS (Plastic Case) Series

DIMENSIONS

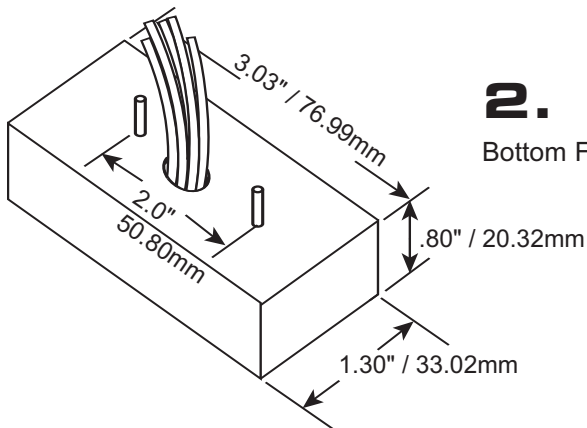
1.

Side Lead



2.

Bottom Feed



WIRING DIAGRAMS

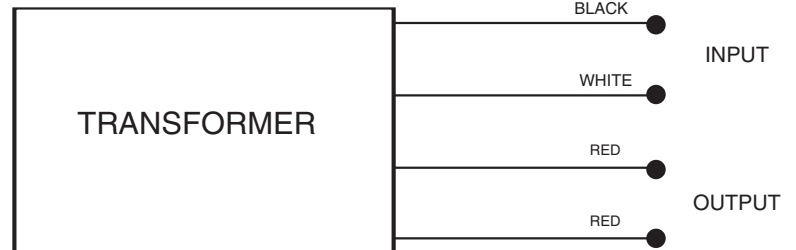


DIAGRAM A

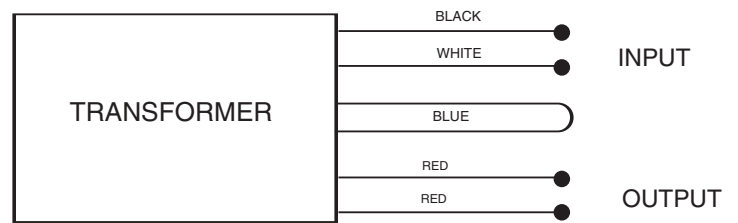


DIAGRAM B

WD MODELS HAVE DIMMING LOOP

HARDWIRE ELECTRONIC

Max Watts	Min Watts	Input Volts	Input Amps	Output Volts	Output Amps	Case Style	Wiring Dia.	Hatch Item No.	Safety Listing
60	10	120	0.50	11.5	5.3	1	A	RS12-60NW	UL/C-UL Recognized, Class 2
75	10	120	0.63	11.5	6.6	1	A	RS12-75 NW	UL/C-UL Recognized
						1	B	RS12-75WD	
						2	A	RS12-75BF	

*Note: Must use a minimum of 20 watts when using dimmers.

Specifications subject to change
without notice. 4/08

HATCH

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Mouser Electronics

Authorized Distributor

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